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ESTAB. 1859

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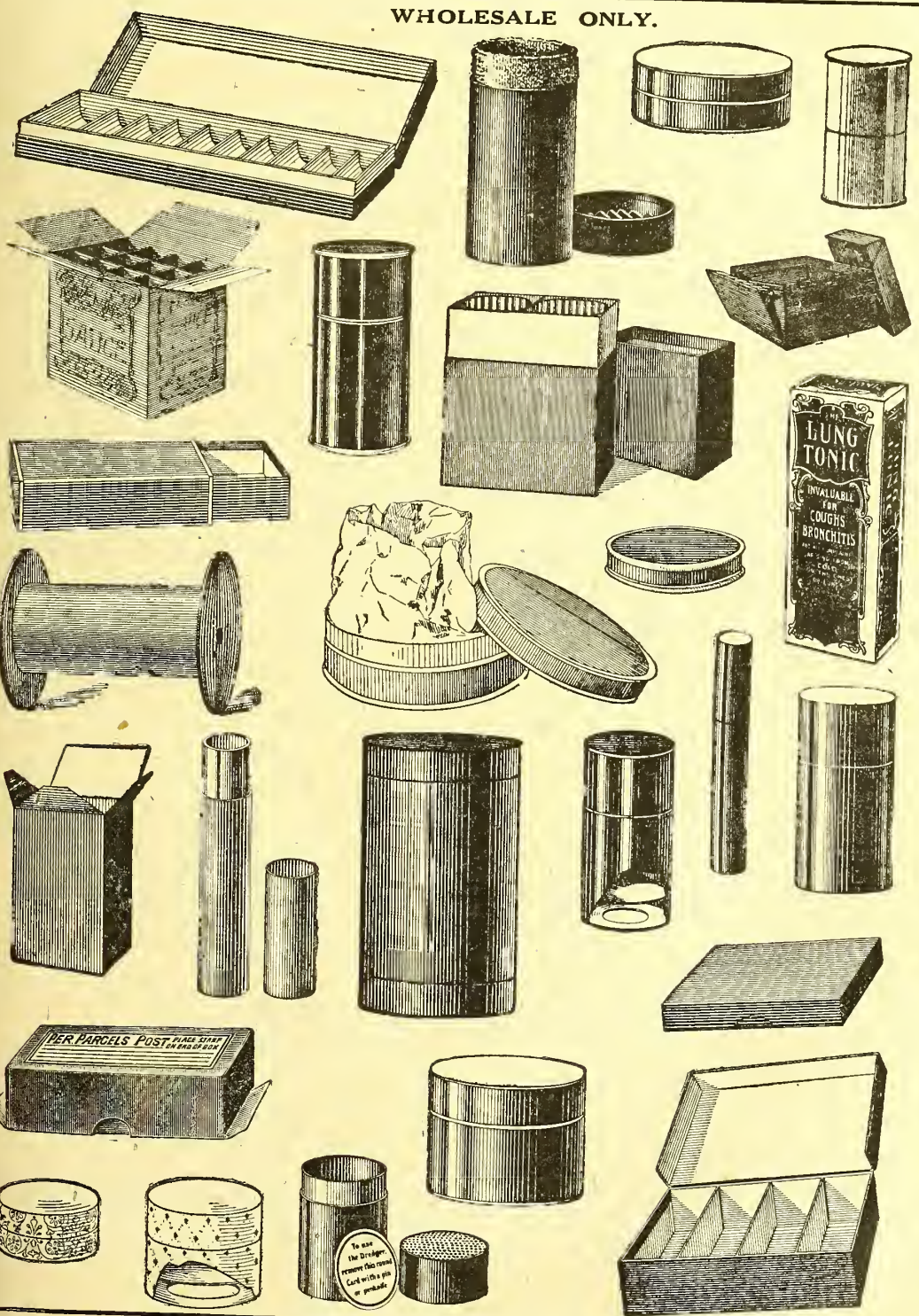
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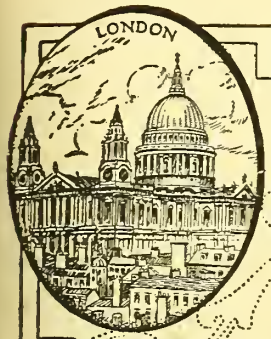
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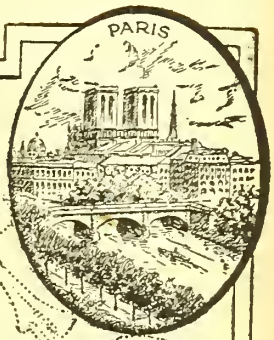
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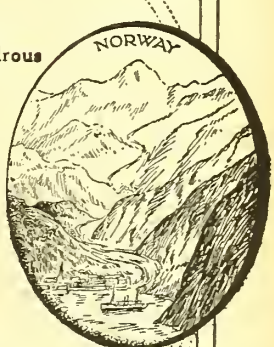
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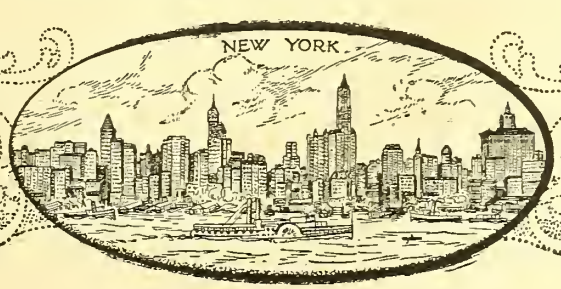
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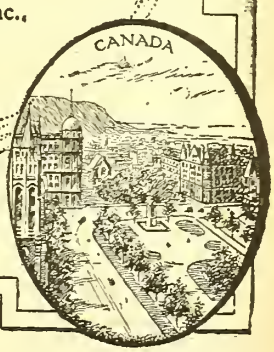
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Application is being made to the Committee of the Stock Exchange for special permission to deal in these shares after allotment.

NO PART OF THIS ISSUE HAS BEEN OR WILL BE UNDERWRITTEN.

The Subscription List will close on or before Monday, 21st June, 1920.

LEVER BROTHERS LIMITED,

Port Sunlight, Cheshire.

(Incorporated under the Companies Acts 1862 to 1890.)

CAPITAL

Authorised.	Issued and Fully Paid. £ s. d.
£40,000,000 in 40,000,000 7% Cumulative Preference Shares of £1 each	21,750,000 0 0*
40,000,000 in 40,000,000 8% Cumulative A Preference Shares of £1 each	3,567,945 0 0*
10,000,000 in 40,000,000 20% Cumulative Preferred Ordinary Shares of 5s. each	1,500,000 0 0
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10,000,000 in 10,000,000 20% Cumulative B Preferred Ordinary Shares of £1 each	162,000
10,000,000 in 40,000,000 5% Cumulative Preferred Ordinary Shares of 5s. each	718,666 5 0
10,000,000 in 1,000,000 Ordinary Shares of £10 each	2,280,000 0 0
130,000,000	29,978,611 5 0

* Under a Resolution for capitalisation of profits passed on the 12th June, 1920, £533,333 6s. 8d. 7% Cumulative Preference Shares and £3,411,078 12s. 6d. 8% Cumulative A Preference Shares will on or before the 1st July, 1920, be issued as fully paid to certain shareholders in the Company in addition to the amounts above stated, subject to being diminished by cash payments in case of fractions of shares to be issued under the said Resolution.

The respective shares will rank for priority as regards both Capital and Dividend in the order of the Authorised Capital set out above. A member is entitled to one vote for every share of £10, one vote for every 10 shares of £1, and one vote for every 40 shares of 5s.

CO-PARTNERSHIP CERTIFICATES.

After payment of all Preference and Preferred Ordinary dividends and 5% on the Ordinary shares in respect of any year further amounts available for dividend and proposed to be distributed by way of dividend for any period are subject to the terms of a Co-Partnership Trust Deed made in 1909 and Supplemental Deeds thereto under which employees of the Company and its Associated Companies participate on Co-Partnership Certificates held. The terms of the Deeds do not affect the rights of the Preference and Preferred Ordinary shareholders.

ISSUE OF

8% Cumulative A Preference Shares of £1 each at par, payable as follows:—

1s. per Share on application.
19s. per Share on allotment.

The first Dividend thereon will be payable on 1st January, 1921, and will accrue from 1st July, 1920.

Applications from shareholders of the Company will receive special consideration.

DIRECTORS.

THE RIGHT HON. LORD LEVERHULME (*Chairman*).
THE HON. WILLIAM HULME LEVER (*Acting Chairman*).
JOHN GRAY (*Vice-Chairman*).

JAMES LEVER FERGUSON, EDMUND VANNUTELLI SALAMAN, CLARENCE CHARLES KNOWLES, JOHN LOUDON BUCHANAN, HAROLD ROBERT GREENHALGH, JOHN McDOWELL, WILLIAM KEAY FINDLAY, CHARLES EDMUND TATLOW, GILBERT WHEATON FOX, MAJOR-GENERAL S. S. LONG, C.B., JOHN INGLIS, JAMES LOMAX SIMPSON, HARRY GOODWIN HART, EDWARD LEONARD COOK, ERNEST WALLS, AND CHARLES ROWARTH BAKER.

BANKERS.

LONDON COUNTY, WESTMINSTER & PARR'S BANK LIMITED, 41 Lothbury, London, E.C. 2, and Branches.

MANCHESTER & LIVERPOOL DISTRICT BANKING COMPANY LIMITED, Liverpool, Manchester, London, and Branches.

BARCLAYS BANK LIMITED, 54 Lombard Street, London, E.C. 3, and Branches.

BROKERS.

R. NIVISON & CO., Bank Buildings, Princes Street, London, E.C. 2.
FOSTER & BRAITHWAITE, 27 Austin Friars, London, E.C. 2.
R. J. TILNEY & CO., 14 Castle Street, Liverpool.
LAWSON & ORMROD, 4 Norfolk Street, Manchester.

SOLICITORS.

SIMPSON, NORTH, HARLEY & CO., 1 Water Street, Liverpool.

AUDITORS.

COOPER BROTHERS & CO., 14 George Street, Mansion House, London, E.C. 4.

SECRETARY AND REGISTERED OFFICE.

L. V. FILDES, PORT SUNLIGHT, CHESHIRE.

PROSPECTUS

The present Company of Lever Brothers Limited was formed in 1894 to acquire the business of Soap and Glycerine Manufacturers carried on at Port Sunlight and elsewhere prior to the 17th May, 1890, by the firm of Lever Brothers and subsequently by Lever Brothers Limited (incorporated in 1890) the Vendors to the present Company.

In addition to its business at Port Sunlight, the Company holds interests in over 100 Associated Companies with numerous branches or selling agencies throughout the world.

By an Agreement dated the 22nd day of January, 1920, and made between The Right Honourable the Earl of Searborough, of Sandbeek Park, Rotherham, Yorks, and Clifford Blackburn Edgar, Esquire, M.P., of Wedderlie, Queen's Road, Richmond, Surrey, on behalf of themselves and all other the holders of ordinary shares in the Niger Company Limited who should adopt that Agreement as therein provided of the one part and the Company of the other part, the Company agreed to purchase the ordinary shares in the Niger Company Limited of each shareholder who should adopt that Agreement as therein provided at the price of £6 10s. per share, payable in cash on or before the 1st July, 1920, with interest in the meantime from 1st January, 1920, at the rate of 7 per cent. per annum, the Company as purchaser being entitled to all dividends on the Shares as from 1st January 1919, provided that that Agreement was adopted by the holders of 75% or upwards of the issued ordinary shares in the Niger Company Limited. The issued ordinary share capital of the Niger Company Limited consists of 1,250,000 shares of £1 each fully paid. Up to date the said Agreement has been adopted by shareholders in the Niger Company Limited representing over 97% of the total issued Ordinary Capital. In the opinion of the Directors the above purchase will greatly strengthen the position of this Company, by safeguarding the supplies of West African oils and oleaginous seeds and nuts which in this country are used very extensively in the manufacture of soap and margarine.

The following figures showing the growth of the business of the Company have been extracted from the Company's Balance Sheets as certified by its Auditors, Messrs. Cooper Brothers & Co.:—

Year ending 31st Dec.	Paid up Capital.	Dividends to Shareholders and Co-Partners.	Rate of Ordinary Dividend.
	£ s.	£	Per Cent.
1913 ...	11,713,424 0 ...	839,891 ...	15
1914 ...	13,247,598 0 ...	970,773 ...	10
1915 ...	14,001,838 5 ...	1,092,823 ...	10
1916 ...	14,023,518 5 ...	1,141,175 ...	10
1917 ...	15,202,799 0 ...	1,325,530 ...	15
1918 ...	17,065,340 10 ...	1,547,635 ...	17½
1919 ...	25,707,312 5 ...	1,935,030 ...	17½

For the year 1919 the sum of £500,000 was placed to Special Reserve.

The Directors estimate that the profits of the Company for the year 1920 will, after provision for all Taxation and Dividends on all Preference and Preferred Ordinary Share Capital, including the present issue, be sufficient to pay not less than 17½% on the issued Ordinary Share Capital.

The Company has guaranteed the due payment of the annual interest amounting to £121,000 on outstanding debentures and debenture stock of certain of the Associated Companies; but the Directors do not anticipate any call upon the Company in respect thereof.

The present Issue is made in order to provide a portion of the cash payable in respect of the purchase of the above-named shares in the Niger Company Limited, and also to provide further capital for the requirements of the Company's own business. The Company therefore invite applications for the above-mentioned 8% Cumulative A Preference Shares of £1 each at par up to, but not exceeding, 4,000,000 shares.

The Company will pay a brokerage of 2*d.* per share upon all shares allotted on applications bearing a Broker's stamp.

Application will be made to have the present issue added to the official quotation on the London Stock Exchange, and also at Liverpool, Manchester, Birmingham, Bristol, Leeds, Glasgow, Dublin, and Belfast.

The following further information is given pursuant to Section 81 of the Companies (Consolidation) Act, 1908:—

In November 1918, 1,000,000 B Preference Shares bearing dividend at 6½% were offered at the price of 20*s.* per share for public subscription and the whole thereof allotted on 4th December, 1918.

In May 1919, 2,000,000 B Preference Shares bearing dividend at 6½% were offered at the price of 20*s.* per share for public subscription and the whole thereof allotted on 19th May, 1919.

In October 1919, 4,000,000 C Preference Shares bearing dividend at 7% were offered at the price of 20*s.* per share for public subscription and the whole thereof allotted on 21st November, 1919.

In February 1920, 4,000,000 C Preference Shares bearing dividend at 7% were offered at the price of 20*s.* per share for public subscription and the whole thereof allotted on 16th March, 1920.

All the above Shares have been fully paid, and amongst other expenses connected with the issues underwriting commission of 2½% on the nominal amounts of the issues was paid.

The following shares were issued within the last two years as fully paid otherwise than in cash:—

On 8th July, 1918, 62,810 15% Preferred Ordinary Shares of £1 each were allotted in consideration of the sale and transfer to Lever Brothers Limited or its nominees of Ordinary Shares in The Bathurst Trading Company Limited under an agreement in writing dated 24th June, 1918, between the shareholders of The Bathurst Trading Company Limited of the first part, The Bathurst Trading Company Limited of the second part, and Lever Brothers Limited of the third part.

The dates and names of the parties to the following contracts which have been entered into within the past two years are here set forth as being probably within the purview of Section 81 (k) of the Companies (Consolidation) Act, 1908:—

—24th June, 1918. The Shareholders of The Bathurst Trading Co. Limited, The Bathurst Trading Co. Limited and Lever Brothers Limited. —29th June, 1918. Lever Brothers Limited and Associated Enterprises Limited. —2nd October, 1918. Lever Brothers Limited and the Old Colony Trust Co. of Boston, Mass. —24th October, 1918. Sanitas Co. Limited and Lever Brothers Limited. —13th November, 1918. Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —25th April, 1919. Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —9th September, 1919. (*a*) Richard Irvin, Senior, and Lever Brothers Limited; (*b*) Charles Ocean Johnson and Lever Brothers Limited; (*c*) John Dixon Irvin and Lever Brothers Limited. 10th September, 1919. (*a*) Annie Irvin and Lever Brothers Limited; (*b*) Peter Kaplan and Lever Brothers Limited; (*c*) George Driver Irvin and Lever Brothers Limited; (*d*) Richard Irvin, Junior, and Lever Brothers Limited; (*e*) The African Fishing and Trading Company Limited and Lever Brothers Limited; (*f*) Sir John Hannel Irvin and others and Lever Brothers Limited; (*g*) Sir John Hannel Irvin and Lever Brothers Limited; (*h*) Lily Irvin and others and Lever Brothers Limited. —11th September, 1919. (*a*) John Ambrose Kitchen and others, J. Kitchen & Sons Proprietary Limited, Associated Enterprises Limited, Lever Brothers Limited and Lord Leverhulme; (*b*) John Hambleton Kitchen and Ambrose John Kitchen, Associated Enterprises Limited and Lever Brothers Limited; (*c*) John Hambleton Kitchen and Lever Brothers Limited; (*d*) John Hambleton Kitchen, Bennie & Kitchen Limited, and Lever Brothers Limited. —15th September, 1919. J. G. Jackson Limited, James George Jackson and Lever Brothers Limited. —22nd September, 1919. William Alford and Lever Brothers Limited. —30th September, 1919. Lever Brothers Limited and R. Mees & Zoomen. —8th October, 1919. Brunner, Mond & Co. Limited, Joseph Crosfield & Sons Limited, William Gossage & Sons Limited, Associated Enterprises Limited, and Lever Brothers Limited. —29th October, 1919. Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —22nd January, 1920. The Right Honourable the Earl of Searborough and Clifford Blackburn Edgar, M.P., and Lever Brothers Limited. —26th February, 1920. Lever Brothers Limited and R. Nivison & Co. and Foster & Braithwaite. —12th March, 1920. Lever Brothers Limited and Carl William Hamilton. —30th April, 1920. Lord Leverhulme and Lever Brothers Limited.

A copy of the Memorandum and Articles of Association of the Company, the Balance Sheets 1913 to 1919, and the originals or copies of the Contracts referred to may be seen at the Registered Office of the Company by intending applicants for shares between the hours of 11 A.M. and 4 P.M. on week-days during the days the Subscription List is open.

The Company has during the past two years entered into numerous Contracts in the ordinary course of its business.

Applications for the shares must be made on the prescribed form and forwarded to the Company's Bankers with the deposit of 1*s.* per share. Where the number of shares allotted is less than that applied for the balance of the deposit will be credited towards the final instalment. Failure to pay the final instalment when due will render the amount previously paid liable to forfeiture and the allotment to cancellation. Notice will be given when Share Certificates are ready for exchange for Bankers' receipts.

Prospectuses and forms of application can be obtained from the Bankers and Brokers and at the Registered Office of the Company.

Dated 12th June, 1920.

FORM OF APPLICATION.

No.....

LEVER BROTHERS LIMITED.

Issue of 8% Cumulative A Preference Shares of £1 each at 20s. per share.

To the Directors of LEVER BROTHERS Limited.

GENTLEMEN,

Having paid to the Bankers of the Company £ : : , being a deposit of One Shilling per share on application for.....shares of the above issue, I/we request you to allot the same to me/us upon the terms of the Prospectus dated 12th June, 1920, and Memorandum and Articles of Association of the Company, and I/we agree to accept the same or any smaller number that may be allotted to me/us and request you to place my/our name(s) on the Register of Members for the shares so allotted. I/We hereby declare that this application is not made by or for the benefit of any enemy subject within the meaning of the Trading with the Enemy (Amendment) Act, 1916.

PLEASE WRITE DISTINCTLY.

Usual Signature.....

Name in full..... (Giving title (if any) or stating whether Mr. Mrs. or Miss.)

Address in full.....

.....

Description or Occupation.....

Date.....June, 1920.

The Bankers of the Company will not acknowledge receipt of the deposits paid upon application for shares, but Letters of Allotment or Regret will be posted in due course.

This Form when duly filled up should be sent with the necessary remittance to any of the following Bankers of the Company :—

London County Westminster & Parr's Bank Limited, 41 Lothbury, London E.C. 2, and Branches.
Manchester & Liverpool District Banking Company Limited, Liverpool, Manchester, and Branches.
Barclays Bank Limited, 54 Lombard Street, London, E.C. 3, and Branches.

Cheques should be made payable to BEARER and crossed NOT NEGOTIABLE

"FARRIS'S"

GENUINE WHITE BEESWAX.

PURE ENGLISH REFINED SPERMACETI.

WAXES of every known kind and for every purpose.

Celebrated for excellence and purity—nearly three quarters of a century.

Large Stocks for Immediate Delivery.

CHARLES FARRIS, 71 BISHOPSGATE, LONDON, E.C.

The only actual Manufacturing Wax Chandler in the City of London.

***Works*—HELMET COURT, BISHOPSGATE, E.C.**

Maw's Page.

S·MAW·SON & SONS·LTD
7/12. ALDERSGATE ST. LONDON. E.C.I., ENGLAND.

NO. 453
19 : 6 : 20

It is Fitting

There are certain words—adjectives, especially—that, through widespread misuse, have come to lose their real meaning and have only taken on a capacity to annoy the discriminating reader.

One such is the word "sumptuous."

"Our sumptuous new showrooms are now open"; this is the kind of self-satisfied phrase one constantly comes across in commercial literature.

I hope you will forgive this little tirade, but the thoughts are occasioned by the fact that in this discourse I have to announce that the reorganisation of the Fitting Rooms at the House of Maw is now complete.

What shall I tell you about them? If I described to you their furnishing and decorations it would not influence your goodwill a scrap.

For the only thing that really matters to you in Maw's new Fitting Room is the Service which they give you.

Supposing I tell you that everything in them is planned to give efficient fitting-service—there is where you *are* interested, for that is the only thing for which they exist.

There is no need to tell you that the staff and equipment of these rooms are organised to give your customers complete satisfaction in the perfect fitting of all surgical appliances—you know as well as I do that the House of Maw never fails where Service is called for.

You can pass your orders for surgical appliances to the House of Maw, send your customers along for fitting, and be assured that in every case there will be a *satisfied* customer, and that means reflected credit for you

There, then, I've told you all you need to know about the Fitting Rooms at the House of Maw without using the word "sumptuous," without even hinting at new "elegant" furnishings or "unique" equipment. I hope you are duly grateful.

Discus

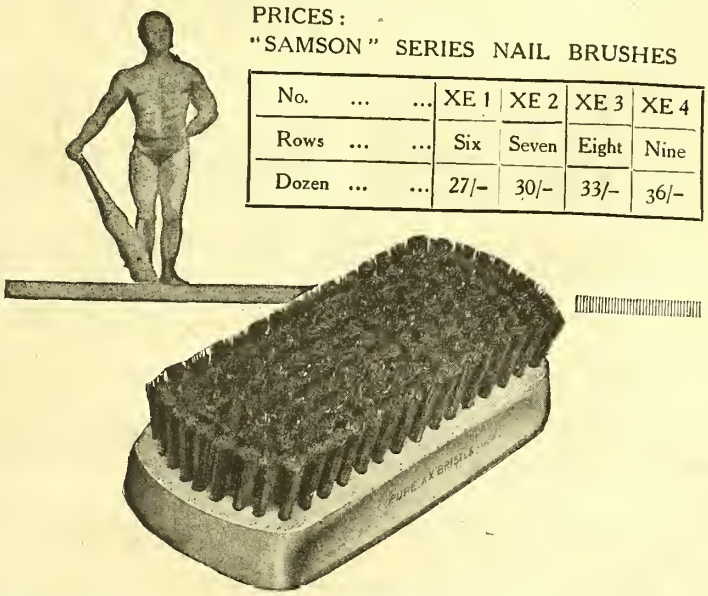
The "SAMSON" Series of Grey Bristle Nail Brushes

TO eliminate two of the worst troubles which are at present stopping production of Nail Brushes, we have introduced this new series. These Brushes are machine made, and every knot is guaranteed to be at least as securely fixed in place as any hand-drawn Brush. The bristle employed is a specially stiff grey, the wearing qualities of which we can most strongly recommend.

EVERY KNOT IS GUARANTEED.

SOUND AND HONEST VALUE.

The Brush backs are well finished in quite a plain style, and are neither varnished nor polished. We strongly advise Pharmacists in search of an absolutely sound honest Brush of excellent value to give this series special consideration.



PRICES:
"SAMSON" SERIES NAIL BRUSHES

No.	XE 1	XE 2	XE 3	XE 4
Rows	Six	Seven	Eight	Nine
Dozen	27/-	30/-	33/-	36/-

TELEPHONE: CITY 7 (PRIVATE BRANCH EXCHANGE). TELEGRAMS: "ELEVEN, CENT, LONDON."

Maw's—"The House of the Moment."

Dr. Williams' Pink Pills

and our other Proprietaries are now on the

P.A.T.A. AT FACE VALUE

IN response to the request of many members of the trade for a uniform selling price and definite margin of profit on our various preparations, we have arranged for these to be placed upon the P.A.T.A. list at face value.

From 16 June, 1920, the following Prices will apply :

	To Wholesalers.	To Retailers.	To the Public.
Dr. WILLIAMS' PINK PILLS -	26/- per doz.	29/- per doz.	3/-
PINKETTES (laxative) - -	10/9 ,,	12/- ,,	1/3
PEPTOLAXA - - - -	10/9 ,,	12/- ,,	1/3
GEO. TAYLOR'S NASAL BALM	17/- ,,	19/- ,,	2/-

All Carriage PAID. Terms NET.

IRISH PRICES FOR UNSTAMPED GOODS :

	To Wholesalers.	To Retailers.	To the Public.
Dr. WILLIAMS' PINK PILLS -	23/6 per doz.	26/6 per doz.	3/-
PINKETTES (laxative) - -	9/9 ,,	11/- ,,	1/3
PEPTOLAXA - - - -	9/9 ,,	11/- ,,	1/3
GEO. TAYLOR'S NASAL BALM	15/6 ,,	17/6 ,,	2/-

All Carriage PAID. Terms NET.

SPECIAL CASH WITH ORDER OFFER

For Cash with Order we are prepared to supply 6 dozen lots of Dr. WILLIAMS' PINK PILLS at best price, viz.: 6 dozen @ 26/- per dozen, £7 16 0 (or assorted goods to same value), CARRIAGE PAID.

IRELAND—(Unstamped), 6 dozen Dr. WILLIAMS' PINK PILLS @ 23/6 per dozen, £7 1 0, Cash with Order, CARRIAGE PAID.

Always advertising. Always selling.

SEE THAT YOU GET YOUR FULL SHARE OF SALES!

All correspondence to be addressed to

G. T. FULFORD CO., Ltd. (of Canada), 36 Fitzroy Square, LONDON, W. 1.

SOME TRULY REMARKABLE TESTIMONY FROM CHEMISTS

Who write us to tell of how "restless" they find their stocks of

REUDEL BATH SALTRATES AND ALKIA SALTRATES

The best of all preparations for the bath.
Sells at 2/- and 3/3 (P.A.T.A.).

The Acme of perfection in Salines.
Sells at 3/3 a large bottle (P.A.T.A.).

These products simply will not stay on the shelf.

NOTE.—The following statements were sent us without solicitation of any kind.

Mr. Chas. Robertson of St. Andrews, wrote us saying that our products were proving so restless that he had difficulty in keeping them on his shelf. He had just made three sales within 15 minutes. Mr. J. L. Lewis of Harlesden, and many other Chemists have also written us telling of similar experiences.

In a recent advertisement we reproduced Mr. Robertson's letter in facsimile, and Mr. A. W. Cornish of Bristol, after reading that announcement, now writes us to say he has eclipsed even Mr. Robertson's record, having himself made four sales in five minutes.

By special permission, we reproduce below, in full, the letter which Mr. Cornish has kindly sent us.

A.W. CORNISH, M.P.S.
THE PEOPLE'S CHEMIST
The Oxford Pharmacy 188 Lower Ashley Rd.
BRISTOL

Messrs Saltrates Ltd.,
212/214, Gt Portland St,
London. W.1.

April 24th. 1920.

Dear Sirs;- I was reading through reproduction of Mr Robertson's (St Andrews) letter on page twelve of to-day's date Chemist & Druggist and I think this afternoon I surpassed his feat, in my shop as above. Four customers following, purchasing Saltrates preparations, as follows.

2/- Reudel Bath Saltrates	) All in
3/3 Alkia Saltrates	) five
2/- Reudel Bath Saltrates	) minutes
3/3 " "	) or so.

Later on in the day I was asked for another 2/- size Reudel, but in this case the customer would not take the 3/3 size, so I missed the sale, having just sold the last small package. I am quite prepared to admit that this is a coincidence that does not often occur, and probably was in part due to other brother Pharmacists being "Sold out". But your preparations are always good sellers with me.

I thought the foregoing would interest you, and it is absolutely authentic, as my Lady Assistant can witness. If the "Tale wants adorning" and I may "point a moral", I would say never load up your shelves with goods that stick there, but to borrow Mr Robertson's "natty" phrase fill up with "restless" goods, which are restless to the point of removal for "Cash Till Food".

With compliments,
Yours faithfully,
A.W. Cornish

Have you seen our

UNBREAKABLE
Vacuum Bottle ?

The "Ferrostat"

NO GLASS



FULL THERMAL EFFICIENCY

ITS FIRST COST IS THE LAST

BEAUTIFULLY MADE of FINEST STEEL in 2 Sizes

ONE AND TWO QUART

Full Particulars and Prices from Sole Agents

Condrup Ltd

78 FORE STREET
LONDON - E.C.2

WHEN YOU VISIT THE

IMPERIAL WAR MUSEUM

AND

Great Victory Exhibition at the Crystal Palace

the first things you will notice will be the

"BETTERWAY"

Interchangeable Letter

SIGNS

at the turnstiles. You will also see these unique signs "on duty" for various purposes inside. See also our **Stand No. 150** in the Electrical Section.

You will find "Betterway" Signs invaluable in your business. They are always attractive. Thousands of business firms are now using them.

Illustrated Booklet on request.

EVENS, 4a Eagle St., KINGSWAY, W.1
West-End Showroom - 77 New Oxford Street.

Perspiration Troubles

LET US SEND YOU BUSINESS

There is a growing demand for Dulc-o-do, the toilet water which *corrects* excessive perspiration and obviates the use of dress shields. A doctor writes: *"I find it a splendid preparation."*
Send 20/- for a trial dozen 2/6 bottles and showcards, your name will then be placed on our depot file and all future inquiries from your district will be directed to you.



Dulc-o-do

Corrects Under-Arm Perspiration

Scott's Chemical Co.,
47, Huddlestone Rd.
London. N.W.2

AYRTON'S WEEKLY PAGE 15

Vacuum Flasks



Order Now for the Holiday Season!

Indispensable for pic-nics the tourist, and the home.

DESCRIPTION:

OUTER CASES of stout metal, imitation brown leather covering, polished aluminium cup, collar, and screw base. INNERS guaranteed of hard well-silvered glass. Each Flask packed in corrugated box with cork and full directions. Hot drinks will be kept hot for twenty-four hours. Cold drinks will be kept cold for three days.

PRICES:

NOMINAL PINTS	each 5/-
ONE DOZEN LOTS	57/-
25's	per dozen 56/-
NOMINAL QUARTS	each 9/6
ONE DOZEN LOTS	111/-

REFILLS:

NOMINAL PINTS	each 3/3
ONE DOZEN LOTS	36/-
25's	per dozen 35/-
NOMINAL QUARTS	each 6/6
ONE DOZEN LOTS	75/-

AYRTON, SAUNDERS & CO. LTD

Manufacturing Chemists

34 Hanover Street, LIVERPOOL

DOAN'S PROTECTED PRICES: Offering Retailers about 28 % profit

The number of letters received from chemists in all parts of the United Kingdom renders it almost impossible to reply individually to each. It has been gratifying to receive such appreciation from the trade, and it is with pleasure that we make this public expression of thanks.

As from 17th May, 1920, our Minimum Retail Prices, protected upon P.A.T.A. terms in the United Kingdom, are as follows:

DOAN'S Backache Kidney Pills	at 3/-	England	Ireland	2/9
DOAN'S Ointment	at 3/-	Scotland	Isle of Man and Ch. Isles	2/9
DOAN'S Dinner Pills	at 1/3	& Wales		1/3

In again publishing our revised Trade Price List, we beg to call the particular attention of retailers to the special advantage attaching to direct orders amounting to £7 16s. in Great Britain, or £7 1s. in Ireland, and the Islands whereby retailers obtain best terms and about 28 % profit.

SIX-DOZ. LOTS OBTAIN BEST PRICES & Monthly a/c	England, Scotland & Wales		Ireland & the Isles	
	Per doz. in Six-doz. lots	Smaller lots	Per doz. in Six-doz. lots	Smaller lots
Kidney Pills or Ointment	26/-	29/-	23/6	26/3
Dinner Pills	10/9	12/-	10/6	11/9

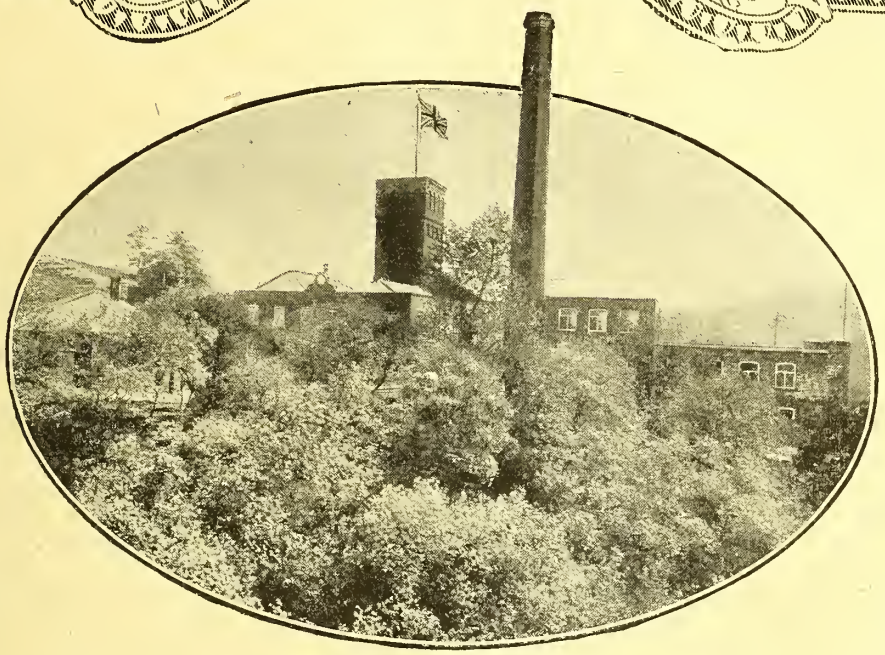
Carriage Forward. Payments Net. Strictly Monthly Account.

Guarantee: We agree to refund at invoice price on any goods returned.

Foster-McClellan Co., Manufacturing Chemists,

Telegrams: "Fluoric, Ox, London."
Telephone: Museum 4864.

8 Wells St., Oxford St., London, W. 1.



The GARDEN LABORATORIES OF THOMAS KERFOOT & Co. Ltd.

A fresh point of view.

PHARMACISTS must by now be fairly familiar with the picturesque setting of our usual works photograph—but there are many other view points of equal attractiveness, and the above is the first of a short series of pictures of our Garden Laboratories taken from various aspects. Other photographs will be reproduced on this page at monthly intervals.

Pastilles of Distinction, B.P. and other Lozenges, "Distol" Ottos and many other perfumery products, Synthetic Drugs and Chemicals, "Mineral Spring" and other Effervescibles, Salaspin and compressed Drugs generally, Castols, Vapex, and other products far too numerous to mention here are all made under ideal conditions of cleanliness and analytical control in the Garden Laboratories illustrated above.

To keep in touch with our post-war developments write to-day asking us to send you our monthly price lists post free as published.

THOMAS KERFOOT & Co LTD
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

COPYRIGHT

Confidence *v.* Panic

Lancashire is the heart of the Cotton Trade.

We attend the Liverpool and Manchester markets regularly, and are immediately aware of any change in tone.

Our prices are based on the value of cotton, and the cost of production and rise or fall in harmony.

You would not go to the Tropics for Polar Bears, so why go away from Lancashire for Cotton?

Before placing your orders for Cotton Goods elsewhere, consult us.

The whole of forty years' actual experience of cotton is placed at the disposal of our customers.

Authentic information produces confidence and acts as a stimulant to trade; but Price Panic destroys the vitals of all business.

London customers should make inquiries, and draw their supplies from

London Offices: 151–157 GOSWELL ROAD, E.C. 1.

ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.

C G C Ltd TRADE MARK

Literally sell themselves

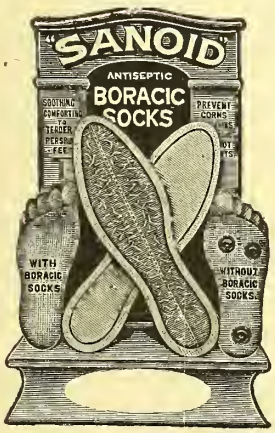
"SANOID" BORACIC SOCKS

Many Chemists have enjoyed the ready sale of Boracic Socks which Literally Sell Themselves.

8/6 per dozen pairs.
99/- per gross pairs.

RETAIL PRICE 1/- per pair.
ON P.A.T.A. LIST.

Sample Pair Post Free on Application.



Facsimile of Showcard

Cuxson, Gerrard & Co.

LIMITED,

OLDBURY, near Birmingham

Foreign and Colonial Orders Invited.

TERPENELESS OILS
BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniperberry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC
ALDEHYDE
GERANIOL

CITRAL
EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE.

SPINELLI

The Oils that have a Long Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.
Lavington Street, Southwark, LONDON, S.E.1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman Street, NEW YORK.
CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

NO INCREASE!!!

The greatly increased duty on Spirit means a corresponding rise in the cost of Perfumery. Our friends would do well by stocking "Lescol Illusions" at **no increase in price.** Each bottle is equivalent to a 3-oz. bottle of Spirituous Perfume.

Supplied in following Odours: **Lily, Parma Violet, Carnation, Trefle, Mimosa and Sweet Pea.**

Write for our Price List for these and all other Lines in Stock.

THE LESCOL PERFUMERY CO.
(Proprietors, The London Essence Co., Ltd.)
Lomond Grove,
Camberwell, London, S.E. 5.

Phone: 810 Hop.
Telegrams: "VANILLIN, CAMBER, LONDON."



They'll call Again-

In building up a sound and profitable business, the problem is not simply one of getting new customers but of keeping those you already have. In this connection the famous Preemo Essences are of immense service to the Chemist.

There is something about Toilet Preparations made with the Preemo Products that brings the customer back again and again. These Preparations possess a delightful freshness and a lingering charm that is a continual and happy reminder of your establishment.

'PREEMO'

Concentrated Essences, Floral Ottos and Compounds

THE PREEMO PRODUCTS are far ahead of all others in Purity, Strength and Odour, and they have rendered the manufacture of Toilet Preparations as simple as ABC. Perfect solubility is their big point, whether used in Water, Spirit or Oil. They do not float on the top or rest at the bottom, but blend thoroughly with the whole preparation, giving it a Perfume that is powerful, distinctive and lasting. You owe it to yourself and to your customers to investigate this line. We will gladly give you all necessary information and advice, and with a trial order we will supply useful Recipes.



SEND FOR FREE SAMPLES.

We will respond promptly to all bona fide inquiries.

PREEMO CONCENTRE AND ESSENTIAL OIL CO.,
63 HIGH HOLBORN, LONDON, W.C.1.
Telephone—HOLBORN 3095.
32 RUE DE MONTENOTTE, PARIS.
Telephone—WAGRAM 27-35.

MEET THE ECONOMY CRAZE

BY BUYING, SHOWING AND SELLING

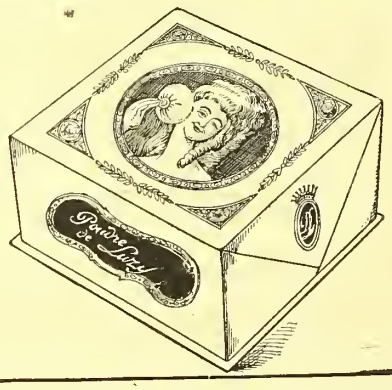
Poudre de Luzy

The Best and Cheapest on the Market. No illustration can portray its quality and elegance. In a very short time the public will decide to spend as freely as ever on high-priced goods.

10d. RETAIL.

Small orders can be executed by return by

MAY, ROBERTS, SANGERS, and BUTLER & CRISPE.



6/8 DOZEN.

SHOWCARD AND SAMPLES FREE, CARRIAGE PAID ON ANY OPENING ORDER.

W. H. CALNAN & CO., 30-32 LUDGATE HILL, LONDON, E.C.4.

DODGE & OLCOTT CO., 20 MARK LANE, **LONDON, E.C. 3.**

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT, SASSAFRAS, ETC.

BALSAMS of Copaiba, Peru, Tolu, TONKA BEANS, Angosturas.

Phone— CITY 2468.

Telegrams— "EGDARF, FEN, LONDON."

For LARGE BUYERS **For SHIPPERS**

Good Toilet Goods

SHAVING STICKS, BRILLIANTINES, DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET PARAFFINS, LIME CREAMS, POMADE HONGROISE, TOOTH POWDERS, DENTAL CREAMS, VANISHING CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, BRISTOL

PENNYROYAL

SPIKE LAVENDER ROSEMARY

CAMPHOR

JUNIPERWOOD JUNIPERBERRY

RED THYME WHITE THYME

EUCALYPTOL **CRYSTALLIZABLE**

LAVENDER FLOWERS CHAMOMILE FLOWERS

STRAMONIUM LEAVES

THYMOL
CRYSTALS.

QUINCE SEEDS

LONABARC BRAND

LONABARC TRADING COMPANY, Ltd.

5 FINSBURY SQUARE, LONDON, E.C. 2.

Phone: CLERKENWELL 2096. Grams: "LONABARC, FINSQUARE, LONDON."

Cresp-Martinenq
(Grasse, France),
Manufacturers of
ESSENCES & PRIME
MATERIALS for MANUFACTURING
PERFUMERS, CONFECTIONERS,
ETC.

SYNTHETICS
ARTIFICIAL VIOLETS
(MYRIONE)
Artificial Musk

INQUIRIES SOLICITED. LARGE STOCKS

ROBERT FERBER, LTD.
98/104 OAKLEY STREET,
LONDON - S.E.1.

Agents for the UNITED KINGDOM & CANADA.



NEROLI BIGARADE
Distillation Spring 1920
"Tank" Brand.
Pure Sicilian Essential Oils
Terpeneless Essential Oils
The Best on the Market
EXPORTATION THROUGHOUT THE WORLD

Export Agent:
GIUSEPPE MACAJONE, MILAN
Via Canova 25 (Italy)

NESTOR MOURANCHON.

Offices: 40 Rue Damremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/92.
Distilleries and Laboratories; Chateauneuf-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli, Otto of Rose, Violet Essence, Gant de Saxe.

"ESSENCES DE MONTAGNE" and Imported Products.

Lavender, Aspic, Thyme, Girofle, Badiane, Geranium, Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone; Avenue 3543. Telegrams: "Abrezical, Phone, London."



WAVCURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells at sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in an industrial or factory area will simply make the shillings shower into your till. Address post card to

THE WAVCURL CO.,

FULWOOD HOUSE, HIGH HOLBORN, W.C. 1

	Per doz.
1/6 Wavcurl (in packets)	9/-
2/9 Wavcurl (in bottles)	21/-
1/6 Complexion Cream	10/-
2d. Shampoo Powder	15/- gross.

	Per doz.
1/6 Duvetine (Superfluous Hair Remover)	9/-
1/6 Wavcurl Hair Tonic (9 in Powdered Form)	9/-
1/6 Eyelashine	9/-
Showcards for Window Dummies for Show	no charge

Agents: PARIS.—A. W. Scott, 38 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.

Think it over!

THESE ARE JUST THE LINES YOU WANT.



"Leona" Series are of tip-top quality, beautifully packed, well advertised, leave you a good profit, and are on the P.A.T.A.

"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size ... Cost 4/6 per dozen Sell @ 7½d.
Large Size ... „ 8/- „ „ „ @ 1/3

Recommended by the Institute of Hygiene.

"LEONA" CREME DE BEAUTE

Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in handsome 2-oz. opal pots.

"LEONA" BRILLIANTINE (SOLIDIFIED)

Cost 8/6 per dozen Sell @ 1/-

Packed in beautifully embossed tins and cartons.

POUDRE "LEONA"

Cost 8/- per dozen Sell @ 1/-

Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

YOU WON'T REGRET IT

Sole Manufacturers and Proprietors—

THE JACKSON CO., 172 St. JOHN STREET, LONDON. E.C. 1.

Enolin

TOOTH PASTE "Strong" or "Mild"

THE SUPER PASTE

"Enolin" is also supplied in Powder Form - 6d. & 1s. Tins

Selling Agents for Provinces, Ireland and Export—
Messrs. PATTINSON & MACKIE, LTD.
Albion House, 59 New Oxford Street, London, W.C. 1.

Sole Manufacturers and Proprietors—
A. & E. CARRERAS, LTD., Perfumers,
207 King Street, Hammersmith, London, W. 6.

LOTOZONE

SHAMPOO DE LUXE

A superior tonic and hygienic Shampoo at a popular price. Packed in dainty slide cartons. Elegant in appearance and delightful in use. Perfumed with Irish Elegance. Counter boxes supplied.

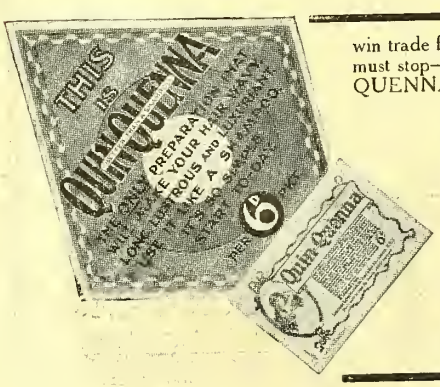
Full particulars on request.

TOILET PREPARATIONS

LOTOZONE TOOTH PASTE
LOTOZONE CREAM
LOTOZONE FACE POWDER
LOTOZONE POWDER PAPER

The Shampoo Salesman, free on application, gives full details of prices and profit.

THE EVAN WILLIAMS COMPANY, LIMITED, 18 Ogle Street, LONDON, W. 1.



Let the Diamond win trade for you. It does so immediately it is shown on your window. People simply must stop—they read—and the bulk of them step right in for a 6d. packet of QUIN QUENNA, especially if it is a lady. This is just *one* of the ideas for getting business for

Quin Quenna

BETTER THAN A SHAMPOO

4/- PER DOZEN. **6d.** P.A.T.A.

Then there is the wonderful profit of 43%. The well-placed and cleverly-thought-out advertising campaign that sends people to the Chemists, going on now, and all the time—never relaxing.

43% **THIS OFFER STILL STANDS:** 1 × 6 doz. Carton, 1 doz. Bonus, Diamond Bill, Wrappers, and other advertising material. **24/-** ONLY. **43%**

THOS. CHRISTY & CO., 4-12 Old Swan Lane, London, E.C. 4.

A. BOURJOIS & Cie, Ltd.

66 CARTER LANE - LONDON, E.C.4.

Please note that the prices of

Poudre de Riz de Java (Bourjois)

are as under:

2/- size. No. 45		1/3 size. No. 495	
1 doz. -	16/- per doz.	1 doz. -	11/- per doz.
6 „ -	15/9 „	6 „ -	10/9 „
12 „ -	15/6 „	12 „ -	10/6 „

The P.A.T.A. prices for Java Powder have been increased to **2/-** and **1/3** per box.

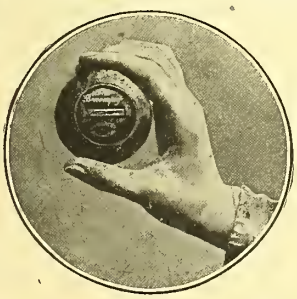
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MOUSLEY'S "BEAVERPUF"

Patent Nos. 4931 and 4932.

The Ladies' Natty Friend.

B. quality Brown Fur, 3/11 each, Retail.



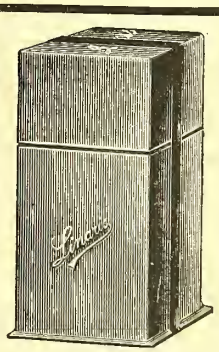
G. quality Grey Fur, 4/6 each, Retail.

Additional Powder Bags, 6d. each, Retail.

Revolution in Powder Puff Manufacture.
Thousands already sold.
Now stocked by leading Wholesale Houses.
Usual Trade Discounts.

Patentee and Sole Manufacturer:

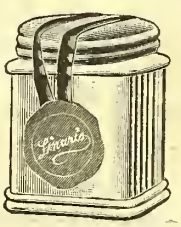
F. A. MOUSLEY,
Priest Bridge, Mortlake, London, S.W.14.





Linaris

BATH POWDERS
FACE POWDERS (*all tints*)
SKIN FOOD
BEAUTY CREAM
TONIC CREAM
VANISHING CREAM
BATH SALTS, etc. etc.



Linaris Dept. I 31 Westbourne Grove W.2.



Delphinus

TOILET PREPARATIONS

Face Cream. Dental Cream.
Brilliantine (Solid & Liquid).
Pomade Hongroise. Nail Polish.
Shampoos. etc.

We do not incur heavy expenses in advertising to the public, but prefer to give our Clients the benefit of increased profits.

Sole Agents for Scotland :
Messrs. HENDRY & SMITH & Co.
83 Renfield Street, GLASGOW.

BE WISE! *Write us* **TO-DAY.**

Products of Unvarying Excellence

Prepared by
The Delphinus Mfg., Co.
45 Edward Street, Brighton.
Cables & Wires: Hongroise, Brighton.

Delphinus TRADE MARK.

COPYRIGHT

TWO DAINTY LINES
THE BEST ON THE MARKET.



Actual size.

Now in Stock. Packed in Pre-war Style Aluminium Hinged Boxes (enamelled finish) and Show Boxes of 1 dozen.
Per 6/- doz.



In Screw-top Boxwood Cases and Outers of 1 dozen with Showcard.
Per 4/6 doz.

Manufactured by
SOLPORT BROS., LTD.
184-190 Goswell Road, London, E.C. 1.
Obtainable through all Wholesale Houses.

"Newbery's"
FRANCIS NEWBERY & SONS LTD

Dental Cream *of* Distinction

IN THE FOLLOWING FLAVOURS—

Formalin & Mint *Carbolic*
Oxygen *Smokers'*
Areca *Thymol*
Cherry

M M M

A first-class article, attractively packed — which cannot fail to bring repeats.

CHARTERHOUSE SQUARE, LONDON, E.C. 1

Suggest Forhan's for Treatment of Pyorrhea

MEDICAL Science knows how serious is the sign of bleeding gums. For it knows that tender and bleeding gums are the forerunners of Pyorrhea, that dread disease which afflicts four out of five persons over forty.

In their treatment of advanced Pyorrhea cases, dentists combine the use of Forhan's Astringent with their instrumentation at the chair. And for the patients' use at home they usually recommend "Forhan's for the Gums" (Paste).

"Forhan's for the Gums" contains a portion of the curative Forhan's Astringent, and therefore is doubly valuable as a dentifrice and a preventive treatment of Pyorrhea.

You can benefit by the very extensive advertising of Forhan's now appearing in many leading British publications by stocking a supply of Forhan's to-day.

Wherever sold, Forhan's establishes customer good-will and builds up a permanent trade.

"Forhan's for the Gums" is sold in convenient tube form in one size only. Prices and information sent on request.

THOS. CHRISTY & CO.,
4-12 Old Swan Lane, London, E.C.4.



THE BEST SOAP PROPOSITION

Some Suggestions to the Trade.

The SAPON SOAP Display Box



Overstocking your shop is a bad policy. To be "cut of stock" is equally bad. You lose prestige, and profits drop, because dissatisfied customers are quick to go elsewhere.

Therefore we urge all customers who are building up a sale for

SAPON SOAP

to send small orders often.

Although our Works are going full pressure, demand is so great that we are unable to guarantee prompt delivery on receipt of order. Our many friends will greatly assist us, therefore, by anticipating requirements by a month when possible.

No payment till after goods arrive.

Remember, we are in no way connected, directly or indirectly, with any combine of Soapmakers.

"Sapon" Soaps show you a better profit than other makes.

Send for price list and full particulars.

SAPON SOAPS, LTD., London Bridge, E.C.4.

THREE GOOD SELLERS THAT PAY WELL

FROZOCLONE

(The original solid Eau de Cologne).
(Regd.)



THE WORLD'S GREAT PERFUME AND REFRESHER IN SOLID FORM

Retails (P.A.T.A.) Minimum - **3/6** giving at least **10d.** Profit on each sale.

32/- - - per doz.

For EXPORT quantities of not less than four gross a substantial drawback allowance will be made.

FROZOCLONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE (Regd.)

A NAIL POLISH PASTE with new and distinctive features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.

Retails (P.A.T.A.) minimum **1/9**; **15/-** per doz.

ANALAX

(Reg. Pat. No. 310716)



The Ideal Fruity Laxative in Pastille Form.
DELICIOUS. RELIABLE. EFFECTIVE.
Retail (P.A.T.A.) Minimum **2/3**
21/- per doz, stamped.

R. DEMUTH'S LABORATORIES,

68 Salusbury Road, and Montrose Avenue, LONDON, N.W.6

Telegraphic Address: "Boulbene London."

Telephone: 525 Willesden.

LINDOL

ANTISEPTIC
DENTAL CREAM & DENTAL POWDER
YIELDS 133½% PROFIT.

Are you stocking any other line which shows you such a handsome return for selling? We unhesitatingly say there is none.

Remember also that the Quality has not been sacrificed in order to provide this astounding profit.

			Min. Retail P.A.T.A.	Price per Doz.	Profit on Outlay.
DENTAL CREAM.	In tubes 4½" × 1", in cartons	...	1/-	5/10	112½%
" "	In tubes 4" × ¾", in cartons	...	7½d.	3/8	112½%
DENTAL POWDER.	In tins	...	1/-	5/6	126½%
" "	" "	...	7½d.	3/4	133½%

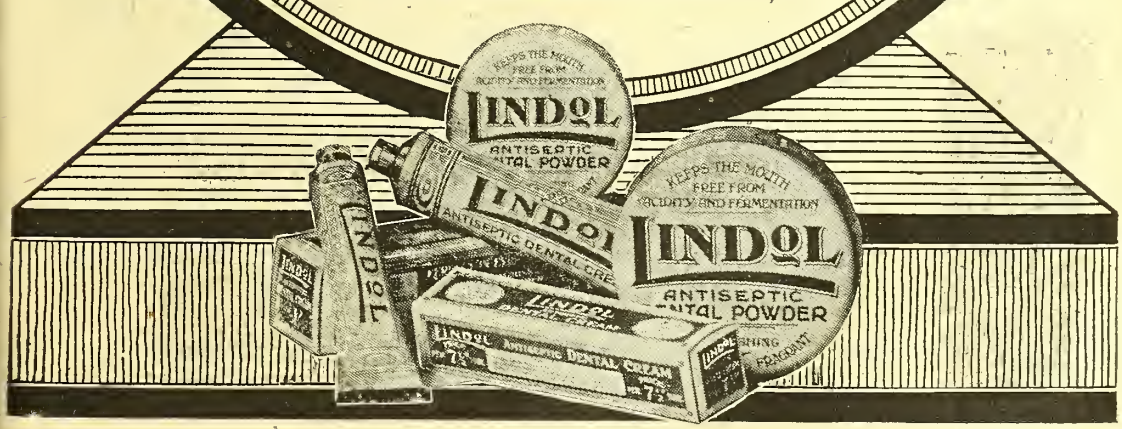
Terms—Monthly account 2½% discount. Cash with order, an additional 1½% discount. Minimum direct parcel, 50/-, unless cash is sent with order.

You can obtain "LINDOL" from your usual wholesaler on these terms for any quantity, however small.

Selling Agents for the Provinces, Ireland and Export:—

Messrs. PATTINSON & MACKIE, LTD.
Albion House, 59 New Oxford Street, London, W.C.1.

Sole Manufacturers: A. & E. CARRERAS, Ltd.
207 King St., Hammersmith, London, W.6.



Camilatone Means Money.

YOUR lady customers want something done to their hair which will restore the colour of old—a dye will not do it, nor will a bleach. It is only by using Camilatone Beauty Shampoo that this can be accomplished, and the glossy, lustrous shades of youth restored to dull or uninteresting hair.

Camilatone sells itself—so stock it.

Camilatone

Puts Sunshine in the Hair.

Write to-day for a copy of booklet, "Hair Beauty Hints," which will be sent post free together with trade terms.

Camilatone is obtainable from R. Hovenden & Son, Ltd., Berners St., W.1, and City Road, E.C.1, and Hollywell & Co., 44 Lexington St., Golden Square, W.1, or direct from

CAMOMILE TONIC CO.,
16 Lichfield Road, Cricklewood, N.W.2

MEDICINAL
GELATINE CAPSULES

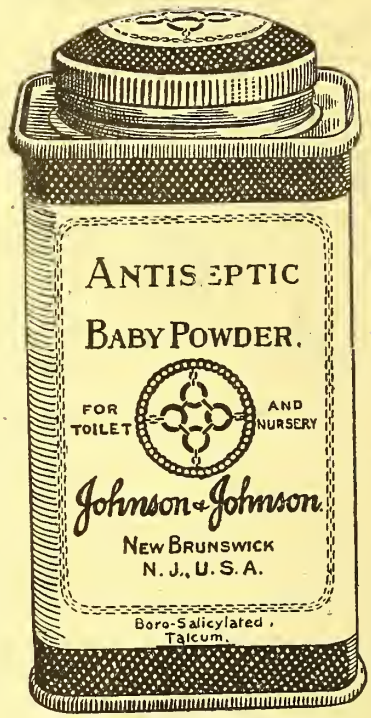
Blaud Pill
Castor Oil
Cod Liver Oil
Balsam Copaiba
Sandalwood Oil

etc. etc.

INQUIRIES INVITED.

JOHN TYE & SON,
457 Caledonian Road, LONDON, N. 7.

SOLD THE WORLD OVER.



Antiseptic TOILET & BABY POWDER

JOHNSON & JOHNSON
British - Manufacture.

Made from the Best Talcums and Delicately Perfumed.

Bonus given for order of 2 gross and window display.

For particulars apply to—
JOHN TIMPSON & Co., Ltd.
104 Golden Lane - - E.C. 1.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP - A complexion soap.	10/-	1/-
PROLACTUM - - For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM - - A hair tonic.	22/6	2/6
CLEMINITE - - For a face lotion.	22/6	2/6
COLLIANDUM - - For a face tint.	22/6	2/6
PERGOL - - - A deodorant.	22/6	2/6
STALLAX - - - For a shampoo.	22/6	2/6
JETTALINE - - For clearing the skin.	31/6	3/6
PHEMINOL - - A depilatory.	36/-	4/-
MENNALINE - - For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL - - - For oily complexions and blackheads	36/-	4/-
BARSYDE - - Dandruff eradicator.	22/6	2/6
TAMMALITE - - For grey or faded hair.	22/6	2/6
LIQUID PERGOL - To check excessive prespiration locally.	31/6	3/6
BICROLIUM - - For whitening the hands.	22/6	2/6
HARAPOSA - - Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:
KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
R. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:
DEARBORN, Ltd., Calle Sierra 274, Buenos Aires.

The Chemists' Manfg. Co., Ltd.

AND

SHIRLEY BROTHERS

QUITE NEW!

Madam Var's "Fairskin"

POUDRE DE RIZ

In very elaborately decorated square tin boxes with rounded corners. Each box containing a **PUFF**, to retail at **2/6.**

21/- dozen.



Special Bonus of 2 boxes to the dozen with opening orders, so that for 21/- outlay you realise 35/-, which is over 65% Profit on Cost.

HAVE YOU SEEN OUR NEW

BRONZED TINS

Assorted Gold, Silver, Violet, Blue, Green, Heliotrope, etc.

The most attractive Containers ever offered to the Trade. Very high-class and ahead of anything yet offered.

	Gross
Tooth Powder Tins, $2\frac{1}{16} \times 1$	36/-
$2\frac{7}{16} \times 1$	42/-
Talcum Powder, Oval.... .... Equally suitable for Medicated Dusting Powder, Baby Powder, etc. etc.	66/-
Face Powder Boxes .... Square, round cornered, $3\frac{1}{8} \times 3\frac{1}{8} \times 1\frac{3}{8}$	81/-
Shaving Soap Cases	39/-

SAMPLES ON REQUEST.

Chemists wanting really high-class Containers should not fail to see these goods.

123/5 Newington Causeway, LONDON, S.E. 1.

JOB BROTHERS

GUARANTEED PURE GENUINE

NEWFOUNDLAND NON-FREEZING

MEDICINAL COD LIVER OIL

IS THE FINEST OIL PRODUCED

It is perfection in colour, smell, taste and absolute purity.
Manufactured from the finest fresh Cod Livers on same day as fish caught.

WHOLESALE ONLY

JOB BROS., Manufacturers, Tower Building, LIVERPOOL

Telegraphic Address: "JOB LIVERPOOL" Tel.: 1039 CENTRAL

Established 1780

And at ST. JOHN'S, N.F.

STRODONIA Vanishing Cream.

NOW SUPPLIED IN

ALUMINIUM

SCREW-CAPPED JARS.

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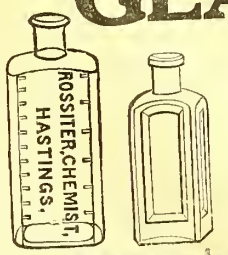
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THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

A Weekly Journal of Pharmacy and of the Chemical and Drug Trades

THE CHEMIST AND DRUGGIST is in circulation and reputation the leading journal addressing the Chemical and Drug trades in the British Empire and other countries in the Old and New Worlds. It is the official organ of the Pharmaceutical Society of Ireland, the Chemists and Druggists' Society of Ireland, and of many Chemists' Societies in the Overseas Dominions.

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The Annual Special Issue of "The Chemist and Druggist"

will be published next week (June 26). As the preparation of what will be a record number entails much extra work, we shall require to go to press on Wednesday. We shall be glad, therefore, if contributors will send in their "copy" as early in the week as possible.

GERMAN RESEARCH INSTITUTE.—The German Government is considering the advisability of creating an imperial chemical-technical institute for scientific research for practical utilisation on a broad basis. This new institute is intended to undertake scientific investigations and experiments in the production of important raw materials; for instance, to study the question of the manufacture of alcohol from wood and acetylene; of fatty acids from coal-tar, by-products, and paraffin; further, the possibilities of using certain substitutes for imported articles such as camphor, paraffin, glycerin, rubber, lubricants, oils, metals, etc. Another problem to be dealt with by this new institute will be the utilisation of waste products derived from various factories, such as cellulose and paper works. Another branch of its activities will consist in investigations tending to safeguard workmen in dangerous trades; and it will undertake any research work on matters of public interest.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Gift for Medical Research and Training.

The Rockefeller Foundation, New York, has contributed sums amounting to 1,205,000*l*. as an endowment for medical research and training in London. Of this total, 835,250*l*. has been offered to University College Hospital and Medical School, and accepted by the governing body. About half of this amount will be spent on a new nurses' home, a new obstetrics unit, new residents' quarters, a bio-chemical laboratory, and the reconstruction of various parts of the hospital. The obligation is entailed of increasing the funds of the hospital by raising an additional 20,000*l*. a year for its part of the maintenance. University College is offered 369,800*l*. for the construction and maintenance of a new Institute of Anatomy. The College requires the sanction of the University of London before a formal acceptance of the gift can be made; the Senate meets on June 24, and the decision is in no doubt. The importance of this munificent gift will, naturally, become increasingly evident with further announcement of the details of the research to be undertaken.

Fusion of Old City Courts.

It is proposed by a Bill introduced into the House of Lords by the Lord Chancellor to amalgamate, on the grounds of economy, the City of London Court with the Mayor's Court. At present both courts are separate, each having its own judges, registrar, and other officers. The Mayor's Court is one of the most ancient courts in the kingdom, dating from the seventh century, and is a Court of Record. The common-law and equity jurisdiction of the court is unlimited in cases arising wholly within the City. The City of London Court is the ancient court of the sheriffs, and by the County Court Acts has in all material respects the jurisdiction and procedure of a county court. It has jurisdiction in Admiralty cases. Both courts are under the administration of the Common Council. The title of the court is to be "The Mayor's and City of London Court," and it will exercise all the powers and jurisdiction of both courts.

A Rubber Centenary.

On June 12, the staff of James Lyne Hancock, Ltd., rubber manufacturers, 266 Goswell Road, London, E.C. 1, numbering about 250, spent the day at Brighton by way of celebrating the centenary of the establishment of the works. Thomas Hancock, the founder of the business, was born in 1786, and started his rubber works in Goswell Road on the same site that they now occupy. In 1842 he transferred the business to his nephew, James Lyne Hancock, who carried it on till his death in 1884, when he left it by will to John Hancock Nunn, the founder's grand-nephew, who formed it into the present company in 1912. Thomas Hancock was not alone in his endeavour to solve the problem of how so to modify the character of raw rubber as to increase its adaptability to commercial uses. Goodyear, an American investigator, had produced certain changes in rubber about the same time, but apparently it was not until 1844 that he thoroughly understood the process by which these changes were achieved. This, however, was subsequent to the discovery by Thomas Hancock of the fact that sulphur was the only substance which, combined with high temperature, produced vulcanisation in rubber, and that discovery he had made and patented in 1843. A reprint of his history of rubber manufacture, first printed for private circulation in 1857, is in course of preparation.

Scientific Glassware Manufacturers' Association.

A meeting of the British Lampblown Scientific Glassware Manufacturers' Association, Ltd., was held on June 8 at the Abercorn Rooms, Great Eastern Hotel, London, under the chairmanship of Mr. Baird (a Vice-President of the Association), of Baird & Tatlock

Legal Reports.

Shops Act Case.—At Marlborough Street Police Court, London, on June 15, Henry Cooper & Co., Ltd., chemists, Greek Street, W. 1, were summoned for having sold a bottle of brilliantine after closing-time. Mr. Beecroft, solicitor (instructed by the Chemists' Defence Association, Ltd.), appeared for the defence. The evidence showed that a customer who had a prescription dispensed after the shop was closed for the day was inadvertently supplied with the brilliantine in question. Mr. Peacock explained that in future, in order to obviate the possibility of a similar technical offence, the shop would be completely closed at the usual hours. A fine of 1*l.* was imposed.

Executorship Case.—In the Chancery Division, Dublin, on June 11, in an action in which Mr. John Maxwell, Ph.C., Ferry Quay, Londonderry, was defendant, an application was made for an order declaring that the indenture of March 15, 1914, between Mr. Thomas McCarter, now deceased, and the plaintiff, created a valid mortgage or charge in favour of the plaintiff on certain shares, and that the defendant was a trustee for the plaintiff of the purchase money of the shares. The defendant was sued as executor of Mr. McCarter and also personally. The Master of the Rolls made an order declaring the defendant a trustee for the plaintiff and that the plaintiff was entitled to payment of all sums due to him by the terms of the mortgage. The defendant would have his costs out of the assets.

Copper Sulphate in Spinach.—At Bow Street Police Court, on June 8, F. Delafresnaye, Lisle Street, Leicester Square, London, W.C., was fined ten guineas and five guineas costs for selling a tin of spinach which on analysis was found to be mixed with a preparation of crystallised sulphate of copper in the proportion of 4.5 grains per lb. Mr. Rotton, prosecuting for the Westminster City Council, said the Council did not usually prosecute unless the proportion of copper exceeded 2 grains to the lb. Mr. Wilson, for the defendant, said his client would plead "Guilty." It was now possible to obtain tinned spinach without copper, and the defendant thought that that was what he had secured. He recently had a heavy shipment of it, and was now in correspondence with the shippers in Italy as to how it should be disposed of, as he quite appreciated that it must not be sold to the public.

A Disputed Agreement.—In Oldham County Court, on June 10, Duncan Grant, chemist's assistant, 788 Manchester Road, Castleton, claimed 99*l.* for alleged breach of contract from Wilfred Winterbottom, traveller, 395 Middleton Road, Oldham. Plaintiff's case was that the defendant had engaged him to manage a new business at Fleetwood for 4*l.* 10*s.* a week up to last Christmas and 5*l.* a week afterwards. The new business should have started about the end of last September, but it was never commenced, and the idea had been dropped. In consequence of defendant's undertaking Grant had been out of work since September. Prior to that date he was employed by a firm of chemists at Castleton. Since September he had given free consultations at his house, and sold medicine to people who went there. In defence, it was contended that the alleged contract was conditional on the shop at Fleetwood being opened, and that Grant was never asked to leave the firm's employ. Mr. Winterbottom, who said that he travelled in druggists' sundries, stated in evidence that in December the plaintiff complained of being "hard up," and witness gave him 5*l.* Plaintiff had remarked that he had had 385 consultations in one month after leaving his previous employ. A partner in the firm which formerly employed the plaintiff, giving evidence, said that a chemist was not entiled to give consultations. If the plaintiff had done so at his shop it was entirely against witness's wishes. Since selling the business witness had offered the plaintiff a position at Manchester as a dispenser, but he declined to accept it. His Honour gave judgment for plaintiff for 45*l.*, remarking that he was satisfied there had been a contract made, although he thought plaintiff could have obtained other work. With regard to consultations given gratis, one had some doubts about this. It was illegal to charge, but these things were done.

Hair-dye Claim.—An action was heard at the Four Courts, Dublin, before Mr. Justice Pim and a City special jury on June 10 and 11, in which Mrs. Bridget Doyle, 115 St. Stephen's Green, Dublin, claimed 500*l.* damages from James Laird & Son, hairdressers, 22 Grafton Street, Dublin, for alleged negligence and unskilfulness in the use of hair-dye. Mr. Sergeant Hanna, for plaintiff, said the action arose out of the negligence of an employé of the defendants in dyeing his client's hair on December 13, 1916. Her hair was treated in the defendants' establishment on December 7, 1916, and December 13. She was seized with illness after the treatment on December 13, and was five weeks under treatment in a skin hospital. Some people were sensitive to hair-dyes, but this condition could be ascertained by a simple test, and no test had been applied in Mrs. Doyle's case. Dr. Andrew Charles, of the Dublin Skin and Cancer Hospital, stated that he was called to see Mrs. Doyle on December 14, 1916. She was admitted into hospital on January 9, 1917. He operated on the glands of the neck. Some people were sensitive to the chemical dyes, on whom they produced the same effects as had been produced on Mrs. Doyle. Sergeant Hanna stated that they had been informed by Messrs. Laird that the dye used with Mrs. Doyle on December 13 was that called "Inecto," which Dr. Charles said was a chemical dye—one of the aniline dyes. The effects of the dye would be accentuated by profuse use. Mrs. Doyle gave evidence, and Mr. C. Marcel, who performed the operation for Mrs. Doyle, was examined for the defendants. He stated that the first day that Mrs. Doyle came her head was in "a terrible state of colours." He told her it would be very difficult to take all those colours out and to make one good colour. He bleached her hair with peroxide of hydrogen and got the colours out and applied some henna. When she came back on the next occasion he told her that the colour was not nice-looking, and that if he used "Inecto" it would give it a nice colour. He examined her head carefully and did not see that there was anything wrong with the scalp or skin. He put on the proper amount of "Inecto." Afterwards she told him that it resembled stuff that had poisoned her previously. He said that if she had told him that he would not have used the "Inecto," and he proceeded to wash it off right away. He had never seen blood poisoning from "Inecto." The instructions issued with "Inecto" stated "Where sores or eczema are present, or there is any predisposition to skin eruptions, colouring should not be used until the Sabourand-Rousseau test has been applied," but he did not read that. Two assistants gave evidence that they had used "Inecto" without ill-effect for years. Mr. Thorp, F.I.C., analytical chemist, who had analysed "Inecto," said it was made up of two solutions. One bottle contained about 10 per cent. of a vegetable, dark-brown dyestuff, which possessed the characteristics of gum-resin. This was kept in solution by means of ammonia. The other bottle contained a dilute and slightly acid solution of sodium chlorate. He found no evidence of a mineral or corrosive poison. The solution of ammonia in the bottle was not, in his opinion, sufficiently strong to exert any injurious effect upon a healthy scalp. Other evidence was given, and the jury found that the defendants were guilty of negligence in not inquiring from the plaintiff before dyeing her hair on December 13 whether she had ever suffered from rash or skin eruption, or had a predisposition to skin eruption, but that they were not negligent in not using the Sabourand-Rousseau test or in applying the dye unskilfully. The jury also found that the illness of the plaintiff resulted from the application of the dye, and allowed her 85*l.* 3*s.* 6*d.* expenses and 5*l.* damages. Mr. Justice Pim gave judgment for the plaintiff for 90*l.* 3*s.* 6*d.* and costs.

The Chemist and Druggist goes to press for the Special Number on June 23

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on June 8, Mr. J. E. Connor, J.P., President, in the chair. The following members of the Council were also present: Dr. A. J. Barnes (Vice-President), Dr. J. A. Walsh, Alderman Dr. McWalter, Messrs. G. D. Beggs, J.P. (the treasurer), W. F. Wells, James Michie, John Smith, V. E. Hanna, G. A. McLean Lee, and A. Owen Wells.

APPOINTMENT OF AN EXAMINER.

The Privy Council Office sent a copy of the Order in Council approving of the appointment of Mr. Robert Mellon, M.P.S.I., as examiner for the Practical Pharmacy Division of the Pharmaceutical Licence examination.

PHARMACY IN NEW BRUNSWICK.

The Registrar submitted a communication from the Colonial Office, transmitting a copy of a Bill to amend the New Brunswick Pharmacy Act of 1903. In reply to a query as to whether the Pharmaceutical Licence is recognised in New Brunswick, the Colonial Office, in a further communication, stated:

The inquiry as to whether the Pharmaceutical Licence of your Society is recognised in New Brunswick is being referred to the Canadian Government. Some time must elapse before a reply is received, but a further communication will be sent to you as soon as possible.

THE PRESIDENT said that the New Brunswick pharmacists had increased their fees, and the question would arise whether the Irish pharmacists should not do so too.

THE REGISTRAR said that in New Brunswick there is a fee of 2*l.* for examination, a fee of 2*l.* for registration, and then an annual fee of 2*l.*, and unless the fee is paid annually the name is omitted from the published list. Another interesting point in connection with the Bill is the increase of the penalties for breaches of the Act. Under the original Act the penalty for the first offence was fixed at 20 dollars and the penalty for the second offence at 40 dollars. These penalties, it is now proposed, should be increased to 100 dollars and 200 dollars respectively. Under the Amending Bill an incorporated company was treated as a "person," and the majority of the directors of an incorporated company must be qualified, and one at least of those qualified directors must necessarily manage the concern. In partnerships, of course, they must all be qualified.

THE VICE-PRESIDENT said there are some most useful points in the Bill that might be of service to them later on in the event of the preparation of a Pharmaceutical Bill for Southern Ireland.

DR. MCWALTER suggested that they should write to the Colonial Office, urging the fairness of recognising the diploma of the Irish Society, if that recognition was not already provided for in the Bill.

THE REGISTRAR said the Colonial Office has shown itself most friendly towards the Society. Some years ago Mr. Secretary Chamberlain sent a circular to all the Colonial Governments, pointing out that the Irish licence should be recognised the same as the British licence. That circular had the effect of opening a number of the colonies that had been previously closed to their licentiates.

MR. W. F. WELLS said the Irish Society had no power at present to reciprocate. The British Society had. The Irish Society had tried to get the power in the 1908 Act. The communication was referred to the Law Committee.

LETTERS OF THANKS.

Mrs. Hardy, 9 Zion Road, Rathgar, Dublin, thanked the Council for their letter of sympathy.

A similar communication was read from Mr. W. G. P. Evans, 49 Dawson Street, Dublin.

PRELIMINARY REGISTRATION.

The following, who submitted certificates of other bodies, were admitted to Preliminary registration:

Mr. M. C. Leary, 47 Abbey Street, Wexford; Mr. George Lyons, The Medical Hall, Ellison Street, Castlebar; and Mr. Michael Mahony, c/o D. J. Stapleton, 23 High Street, Kilkenny.

GOVERNMENT OF IRELAND BILL.

The Registrar read the following letter from Mr. T. N. Moffitt, of Belfast, dated May 26, in reference to the special Council-meeting of May 27:

Sorry I am unable to attend the special meeting of the Council on Thursday afternoon. I respectfully submit the Pharmacy Act (Ireland), 1875, and Amendment Act, 1890, stand good until repealed. If there is the danger ahead of dividing into two separate entities to conform with the Government of Ireland Bill, then our experienced lobbyists as Mr. Wells, Dr. Walsh, Mr. Watson, and Mr. Smith, together with the President, Vice-President, High Sheriff of Dublin, and the solicitor of the Society should set sail at an opportune time for the House of Commons to get into touch with Sir Wm. Whitla, M.P. (a pharmaceutical chemist whose name is still on our Register), who will introduce the deputation to all members of Parliament likely to aid them in their endeavour to keep Irish pharmacy unbroken, unsullied, and unsubdued. Let us dwell in unity.

THE REGISTRAR explained that Mr. Moffitt had expected the letter would have been in time for the special meeting of the Council on May 27, but it, however, did not reach him until May 28.

DR. MCWALTER said he was sorry he was not present at the special meeting. He asked whether the position of the licentiates of the Pharmaceutical Society was not on all-fours with that of the medical men under the Government of Ireland Bill?

MR. W. F. WELLS: No, they and the solicitors are provided for; our resolution is that Mr. Meeke is to take all steps necessary to get us protected until such time as the two Parliaments, if they but exist, will make laws of their own. The solicitors have got the recognition that all solicitors on the roll will have their rights unbroken to practise in either Southern or Northern Ireland.

DR. MCWALTER: We are on all-fours with the ordinary medical men, and we shall have the same fate, I suppose.

MR. WELLS said that once the Bill, as it stands, passed into law there would be no Privy Council, as such, and no body to which the Pharmaceutical Society could go to get their regulations approved. What Mr. Meeke wanted was to get them protected until such time as the two Parliaments would pass Bills of their own, or pass Bills that the same law would apply to both districts. Mr. Meeke said that was all they could get at present.

Reports were received from the Law Committee and the House Committee, and considered.

DANGEROUS DRUGS BILL.

Arising out of a report from the Law Committee dealing with the Dangerous Drugs Bill, the Vice-President said the Bill is really an extension of the Defence of the Realm Act Regulations concerning cocaine and opium. In addition to cocaine and opium, the Bill embraces some other drugs, such as morphine and heroin, and one or two others; and it gives power to the Home Office to add drugs that might become popular in the sense that cocaine had become popular during the war, in London especially. The Bill applies to the United Kingdom.

MR. WELLS: The English Society, at their last meeting, seemed to be up in arms against it.

THE VICE-PRESIDENT said it is a Government Bill, and had passed its first reading. He supposed there would be a committee stage, in which their Society would have an opportunity of speaking. That was why he introduced the subject. It would be troublesome. A number of them, he supposed everyone of them, in their own proprietaries, especially cough-mixture, had some preparation of morphine, and he thought they would be greatly troubled in respect of that. Books and stocks would have to be shown to inspectors.

DR. MCWALTER said the Bill is going to be an awful nuisance, and he was afraid they could not help it; the

Empire could not help it, for they had agreed with the other nations to put it into operation. If they had a minute quantity of opium in a cough-mixture they would have to account for it. The only thing they could do was to ask that the Pharmaceutical Society of Ireland be consulted if any regulations were made concerning Ireland. They could not go further than that in order to protect themselves.

The President said they should ask that before the committee stage was reached they would have an opportunity of expressing their opinion.

The Vice-President: The Act does not come into force until September 1. By that time we shall probably have two Parliaments here, and we shall not be troubled with it at all. (Laughter.)

Dr. McWalter: It is an Imperial matter.

The following resolution, proposed by the Vice-President and seconded by Dr. McWalter, was passed:

That the Home Secretary be requested to ensure that the Council of the Pharmaceutical Society of Ireland shall be consulted before any Regulations are made under the Dangerous Drugs Bill affecting Ireland.

Destruction of a Diploma.

The report of the Law Committee included a further communication from Mr. Robert Morrow, Ph.C., in reference to the destruction of his diploma.

The Registrar was directed to reply that the Council had nothing to add to their previous communication.

Election and Nominations.

Mr. Walter McFarland, Ph.C., the Medical Hall, Ballybofey, co. Donegal, was elected as a member, and the following were nominated for membership:

Mr. W. H. Harman, Ph.C., The Medical Hall, Carrick-on-Shannon; Mr. J. A. Potter, Ph.C., 4 Eden Park, Kingstown; and Mr. C. L. Reilly, Ph.C., 10 Booterstown Avenue, co. Dublin.

Changes of Address.

Communications were received from the following notifying change of address:

Mr. S. A. Rosenthal, Ph.C., to c/o Anderson & Virgo, chemists, 12 The Foregate, Worcester; Mr. Joseph Reilly, Ph.C., to 102 Lower Leeson Street; and Mr. H. E. McIlroy, R.D., from 381 Woodstock Road to 117 York Street, Belfast.

Coming Events.

Tuesday, June 22.

Pharmaceutical Society's School of Pharmacy Past Students' Association, 17 Bloomsbury Square, London, W.C., at 6 p.m. General meeting.

Thursday, June 24.

London Chemists' Golfing Society, Crews Hill. President's prize. 18-holes bogey.

North London Pharmaceutical Association. Annual outing. Tickets (14*s.* 6*d.* single, 28*s.* double) from Mr. H. Skinner, The Dispensary, Great Northern Hospital, London, N.W. 7.

Royal Society of Medicine, 1 Wimpole Street, London, W. Summer congress. An exhibition of surgical instruments and drugs will be held in the Robert Barnes Hall from 2 p.m., and on June 25 until 1 p.m.

Friday, June 25.

Plymouth Association of Pharmacists (Junior Section), 7 Whimple Street, at 8.30 p.m. General meeting for all assistants and apprentices.

Wednesday, June 30.

South-East London Chemists' Association, Maitland House, 134 Greenwich Road, Greenwich, London, S.E., at 8.45 p.m. Annual meeting.

Sheffield Pharmaceutical and Chemical Society.—An excursion into Derbyshire will be made on July 1. All sections of pharmacy are invited.

Birmingham Pharmaceutical Association.—The summer excursion will take place on June 30. Motor-buses will start, for Malvern, from opposite Queen's College, Paradise Street, at 2 p.m. Tickets (13*s.* each) from Mr. F. Smith, 221 Soho Road, Birmingham.

Thames Valley Pharmacists' Association.—A motor trip to Windsor will be made on June 30. Tickets (including meat tea at White Hart Hotel), 13*s.* 6*d.* each (for three, 38*s.* 6*d.*), from Mr. Alfred Higgs, J.P., 42 Richmond Road, Kingston-on-Thames, not later than June 15.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Streur et Cie., Ltd. (P.C.).—Capital, 4,000*l.* Objects: To carry on the business of manufacturers of perfumes, pomades, skin preparations, creams, lotions, toilet-waters and soaps, theatrical preparations and "make-up," etc., and to adopt an agreement with M. F. H. Streur. R.O.: 77 New Bond Street, London, W.

Parfumerie Roger et Gallet.—Particulars filed June 8, 1920. Capital, 20,000,000 francs, in shares of 1,000 francs each. Incorporated in France, the Articles of Association being dated 1920. British address: 14 Poland Street, Oxford Street, London, W., where E. J. Berwick is authorised to accept service.

H. J. Willshire & Co., Ltd. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business of manufacturers of and dealers in soap, face- and toilet-creams and powders, chemicals, acids, dyes, oils, etc., and to adopt an agreement with H. J. Willshire and G. S. Valentin. R.O.: 16 High Street, Notting Hill Gate, London, W.

British Photographic Industries, Ltd., invite offers for 202,356 6 per cent. cumulative preference shares of 1*l.* each at par (free of income tax up to 6*s.* in the £) and 132,773 ordinary shares of 1*l.* each at par.

Lever Brothers, Ltd.—Applications are invited at par for an issue of 8 per cent. cumulative "A" preference shares of 1*l.* each up to but not exceeding 4,000,000 shares. The present issue is made in order to provide a portion of the cash payable in respect of the purchase of the Niger Co. shares, and also to provide further capital for the requirements of the company's own business.

Joseph Nathan & Co., Ltd. (proprietors of "Glaxo").—The net profit for the year ended September 30 amounted to 56,259*l.*, to which is added 36,774*l.* brought forward. It is proposed to pay a final dividend on the preferred ordinary capital (paid up) of 4 per cent. per annum, making 10½ per cent. for the year, less tax, and a final dividend on the paid-up ordinary share capital of 8 per cent. per annum, making 15 per cent. for the year, less tax; to write off the 8,000*l.* appearing in the balance sheet for "surrendered rights of participation in profits," 3,000*l.*, and to carry forward 59,750*l.*

Stevenson & Howell, Ltd.—The annual general meeting was held on June 9, when it was announced that the directors intend seeking the sanction of the court for permission permanently to increase the preference dividend from 5 per cent. to 6¼ per cent.; in respect of the year 1919 (pending the sanction of the court) the additional 1¼ per cent. is to be distributed as a bonus. The report and balance sheet were submitted to the meeting and adopted, 2,000*l.* being placed to reserve, bringing the total to 47,000*l.*, and the dividend on the ordinary shares is maintained at 20 per cent. The ordinary shareholding, it should be noted, is appreciably less than one-half of the total issued capital. The sum of 79,859*l.* is carried forward to next year's accounts.

German Chemical Dividends.—The following profits and dividends of German chemical factories have been reported: The net profit of Badische Anilin & Sodafabrik amounted to 27,025,045m., and a dividend of 18 (last year 12) per cent. will be paid.—Chemical Works Griesheim Elektron realised a surplus of 8,400,000m. (in the previous year 4,516,000m.) and is paying 12 (against 7 in 1919) per cent. dividend.—Kalle & Co., in Biebrich, is paying a dividend of 11 per cent.—J. D. Riedel, Berlin, is again paying 16 per cent., in addition to a special distribution of 10 per cent.—Chemical Works, formerly Weiler-ter-Meer in Uerdingen, have made a net profit amounting to 2,582,627m. (in the preceding year 1,147,680m.), out of which a dividend of 12 (previous year 10) per cent. is being paid.—On the occasion of the jubilee of the firm of Cassella & Co., the well-known dye-works, the sum of 5,000,000m. was devoted to old-age provisions for the employés, and a further sum of 100,000m. contributed to the firm's infants' home.

The Boots Companies.

WE indicated in last week's *C. & D.* (p. 55) that cables had been received from New York stating that an American banking syndicate is being formed to finance the purchase of the Boots Pure Drug Co., Ltd., by the United Drug Co., of Boston, U.S.A., and if any confirmation of this is required it is to be found in the latest issue of the New York "Drug and Chemical Markets" (May 26), where an interview with Mr. L. K. Liggett, head of the United Drug Co., appears. Mr. Liggett, whose visit to this side was noted a short time ago, arrived in New York about the end of May, full of optimism as regards future European business. The most significant paragraph in the interview is the following: "Mr. Liggett has been in England arranging for an extension of his chain of drug stores throughout the British Isles. He said he had been able to put through on this trip to Europe some of the biggest deals of his whole business life." He leaves it at that, as the remainder of the interview is a plea to the American people to stop talking panic and get to work. Later cable news from Chicago (June 11) indicates that a new company is to be formed with the title of Liggett's International, Limited, under the control of the United Drug Co., for the purpose of taking over, together with Boots, Ltd., certain other drug concerns in England and Canada, which have already been purchased. The sum of $7,500,000 (normally 1,500,000*l.*) is mentioned as the purchase price. No confirmation of the deal has as yet been issued on this side.

THE UNITED DRUG CO.

is well known on this side on account of the system of "Rexall" agencies. The present concern dates from 1916, when it was formed as the result of a merger with the Riker and Hegeman Co. It now has an issued capital of $45,006,500, of which $15,000,000 is in 7 per cent. cumulative first preferred, $1,214,400 in 6 per cent. non-cumulative convertible second preferred, and $23,792,100 in common stock. Prior to 1916 the United Drug had been in existence as a combine since 1911, and its turnover had progressively increased till it was in the neighbourhood of $8,000,000. The amalgamation with Riker and Hegeman nearly doubled its resources, and since then expansion has been on a greater scale than ever. The achievements of the present corporation are shown below:

Year	Net sales	Net profit	Com. div.	Accumulated surplus
	$	$	%	$
1916 ...	33,494,970	2,014,800	nil	2,014,800
1917 ...	40,716,300	3,156,000	5	2,724,100
1918 ...	51,028,300	4,240,500	5	4,874,900
1919 ...	68,338,800	5,275,000	7	5,268,900

The company has over 200 retail stores in the United States, and these recorded sales amounting to $28,795,000 last year. The common stock has been put on an 8 per cent. basis this year. In this country the United Drug Co. has a distributing centre at Liverpool, and over 800 agents in various parts of the country who transact business through the Canadian subsidiary.

Below we indicate the leading particulars of

THE BOOTS COMPANIES,

commencing with the parent company, Boots Pure Drug Co., Ltd., from which the four subsidiary concerns draw their supplies. They were formed in the following order:

Boots Pure Drug Company, Ltd. Registered November 7, 1888. Authorised capital, 1,500,000*l.*; issued capital, 1,410,000*l.* Accounts are made up to March 31, but are not published. Ordinary dividends are not made known. There was carried forward at March 31, 1919, 73,185*l.*, reserve funds 193,448*l.*, depreciation fund 222,480*l.*, contingency fund 23,295*l.* Directors: Sir Jesse Boot (chairman and managing), Mr. W. J. Bowis, T. S. Ratcliffe.

Boots Cash Chemists (Eastern), Ltd. Registered April 25, 1892, as Boots, Limited; name changed in February 1900. Authorised capital, 300,000*l.*; issued capital, 280,000*l.* Recent dividends (free of income tax except for quarters ending December 31, 1914 and 1915) on ordinary shares: for 1913-14, 12 per cent.; 1914-15 and 1915-16, 10 per cent.; 1916-17 and 1917-18, 12½ per cent.; 1918-19, 9⅜ per cent.; 1919-20, 12½ per cent. Carried forward on March 31, 1919, 21,226*l.* Reserves, general, 74,000*l.*; freehold, 23,000*l.*; contingency, 25,263*l.*; depreciation fund, 107,883*l.*; goodwill, 25,000*l.* Directors: Sir Jesse Boot (chairman and managing), Captain John C. Boot, E. S. Waring, Lady Boot.

Boots Cash Chemists (Western), Ltd. Registered March 29, 1897. Authorised capital, 500,000*l.*; issued, 467,000*l.* Accounts are made up to March 31, but are not published, as all the ordinary shares are held privately. Dividends on ordinary shares are not made known. Carried forward at March 31, 1919, 29,220*l.*; contingency fund, 28,019*l.*; reserve funds, 55,088*l.*; depreciation fund, 91,583*l.* Directors: Sir Jesse Boot (chairman and managing), W. H. Whittock, M.P.S., Captain John C. Boot, Lady Boot.

Boots Cash Chemists (Lancashire), Ltd. Registered June 19, 1899. Authorised capital, 450,000*l.*; issued, 353,000*l.* Accounts are made up to March 31, but are not published. Dividends on ordinary shares are not made known. The preference dividends are regularly paid. Carried forward at March 31, 1919, 20,886*l.*; reserve funds, 24,787*l.*; depreciation fund, 79,640*l.*; contingency fund, 23,475*l.* Directors: Sir Jesse Boot (chairman and managing), T. H. Coates, M.P.S., Lady Boot, Captain John C. Boot.

Boots Cash Chemists (Southern), Ltd. Registered April 1, 1901. Authorised capital, 700,000*l.*; issued, 615,000*l.* Accounts are made up to March 31, but are not published. Dividends on ordinary shares are not made known. Carried forward at March 31, 1919, 46,723*l.*; reserve fund, 54,000*l.*; depreciation fund, 213,143*l.*; contingency fund, 38,828*l.* In 1904 the capital was increased from 300,000*l.* to 400,000*l.*, and in 1908 to 700,000*l.* Directors: Sir Jesse Boot (chairman and managing), Percy Sparkes, M.P.S., Lady Boot, Captain John C. Boot.

The above figures of the five Boots companies show a total authorised capital of 3,450,000*l.*, and an issued capital of 3,025,000*l.*, with reserves as at March 31, 1919, amounting approximately to 500,000*l.* In addition to the above there are several subsidiary companies, including Boots British Fine Chemicals, Ltd., registered on February 28, 1920, with a capital of 125,000*l.*, the directors of which are Sir Jesse Boot and Captain John C. Boot. Regesan, the Society of Homœopathic Chemists, and the Twentieth Century Photo Co. are other subsidiaries assisting in manufacturing operations.

Business Changes.

MR. F. W. WALKER, chemist and druggist, has opened a business at 9 Hospital Street, Nantwich.

MR. T. LAWRENCE has taken over the business of Walker & Harris, Ltd., chemists, at 4 New Street, Sandwich.

MR. R. H. EVANS, chemist and druggist, Cresswell, Laugharne, has purchased the premises known as the Chemical Hall, St. Clears.

MR. OLIVER J. BARLEY, chemist and druggist, Thame, has taken over the business of Mr. R. T. Wylie, chemist and druggist, High Wycombe.

LESLIES, LTD., medical-plaster manufacturers, have removed their offices to High Street, Walthamstow, London, E. 17. The telephone number is "Walthamstow 686."

A. & M. ZIMMERMANN, LTD., 3 Lloyd's Avenue, London, E.C. 3, advise us that Messrs. A. A. Back, G. A. Hamilton, and B. S. Green have been appointed directors of the company.

MR. CHARLES L. HUISKING, head of the New York firm bearing his name, sailed for home by the s.s. *Adriatic*. While over here Mr. Huisking formed a British company under the name of Charles L. Huisking, Ltd. (*C. & D.*, June 12, p. 55), and they are occupying temporary offices at 47 Lime Street, E.C. The company will endeavour to promote closer co-operation between English and American manufacturers and merchants, and will act as European correspondents for the New York house, as well as agents for American chemical manufacturers. The London office will be in charge of Messrs. John A. Corson and Edward J. Short, both of whom are directors in the new company. Mr. Corson was for many years connected with the New York house, and Mr. Short is well known in this market as buyer for some years past for one of the prominent London wholesale drug-houses.

Dangerous Drugs Bill.

The second reading of the Dangerous Drugs Bill took place in the House of Commons on June 10, and it was committed to a Standing Committee. [The full text of the Bill was given in the *C. & D.*, May 15.—Editor.]

The Government Explanation.

It was nearly eight o'clock when Major Baird, for the Home Office, moved : " That the Bill be now read a second time." He said : This Bill gives effect to the International Opium Convention signed at The Hague on January 23, 1912. The purpose of the Convention was to bring under control throughout the world the traffic in opium and cocaine, and the preparations derived from them, and to restrict their use to medical and other legitimate purposes. The Convention was signed on behalf of all the Powers represented, with the exception of Turkey and Serbia. Some of the countries, including Germany, failed to ratify the Convention before the outbreak of war, and it was never brought into operation. During the war, Great Britain found it necessary to take action on her own account, owing, firstly, to the spread of the cocaine habit, and, secondly, to the extensive smuggling of opium carried on in the East, which caused trouble and delay to our merchant shipping in connection with China. Therefore a Regulation, No. 40B, was made under the Defence of the Realm Act, which enabled us to control the manufacture, sale, and distribution of cocaine; and a procalamation was issued under the Customs Consolidation Act to prohibit the import of cocaine or opium except under the licence of the Secretary of State. Those measures did not prove altogether successful, as hon. members will recollect from the various cases which occurred during the war. That was largely owing to the difficulty of controlling smuggling in the case of an article which can be brought in in such small quantities and so easily sold as opium. We believe that the only effective control can come from international co-operation. The Allied Powers attached so much importance to this question that the ratification of the International Convention to which I have referred is made one of the conditions of Peace, and is embodied in Article 295 of the Peace Treaty, which binds the contracting parties to bring the Convention into force, and for that purpose to enact the necessary legislation without delay, and in any case within twelve months of the coming into force of the Treaty. That is an obligation which we have entered into. It becomes doubly important that we should have the power which this Bill would confer, if it becomes an Act, because of the impending abrogation of the Defence of the Realm Regulations. The Bill is limited to carrying out the Convention except in one respect, and that is in Clause 8, Sub-section (2), where we ask for powers to extend provisions not only to the derivatives of morphine and cocaine, but to any other alkaloid of opium and any other drug of any kind which is likely to produce the same injurious effects, and this was contemplated, as may be seen in Article 14 of the Convention. Another reason why we are anxious to have the powers which this Bill would confer upon us is that our representatives in China and Japan have repeatedly referred to the disastrous effect of the traffic which is being carried on with China in morphia and cocaine to a very large extent, and both China and Japan are signatories to the Convention.

Lieut.-Commander Kenworthy : When it is passed will this Bill be able to stop the whole of this great trade in morphia?

Major Baird : Whether it will stop the whole of it is doubtful, but the Bill embodies the best means which commended themselves to those who represented these forty-two Powers at the International Convention, and it represents the results of their labours and their recommendations. It may not be perfect, but it is a great step in advance, and we hope that if we get these powers we shall be able largely to assist our Allies in Japan and our friends in China to deal with this very important and pernicious matter. Of course, a big measure of this kind naturally affects the interests of large bodies of our fellow-countrymen, and the Pharmaceutical Society has made representations. Both with regard to their representations and others which we have had from the wholesale dealers, we hope to be able to meet them. As regards the Pharmaceutical Society, we have already had an opportunity of considering the points which they advanced, and with one exception I hope in Committee it will be possible to accept amendments which will meet their views. As regards the wholesale dealers, they expressed a desire to put their views before the Home Secretary, but only so recently as yesterday or the day before, and therefore it has not been possible to meet them and discuss the question, but with regard to both these important bodies we are most ready to listen to any representations which will enable us to devise some amendments which will alleviate any legitimate hardships without weakening the force of the measure, to which we attach very great importance The details of the Bill are of a very technical character, and I do not think much would be gained if I were to go through them at this stage. Everyone is imbued with the desire to restrict the misuse of this most valuable drug, and to collaborate with other countries in reducing its use to legitimate and proper preparations, and seeing that the Bill embodies the recommendations of this very competent body of men, representative of practically all the nations, who assembled at The Hague in 1912, I hope the House will be content with giving us the second reading without prolonged discussion, and that we shall be able to deal with the details on the only occasion when we really can deal with them satisfactorily, which is in Committee. There are certainly one or two points of detail which have already been brought to the Home Secretary's attention, and can be usefully dealt with in Committee.

Drugs and Alcohol.

Dr. D. Murray said the Bill is more important than its size indicates, and with its general objects the House would unanimously be in hearty sympathy. It is divided into two aspects, the international and the domestic. We may congratulate the Home Secretary upon taking up the international aspect. The history of this country in connection with the drug habit all over the world, and in connection with the opium traffic, has been one of the most disgraceful pages in our history and one which we can never look back upon without a sense of shame. It is a hopeful augury for the League of Nations to see the Government associating themselves with other nations of the world in connection with such a very humane Bill and although on the surface the provisions made for the international aspect of the question do not appear to me to be very drastic, still I hope they will be more effective than they appear to be. There are one or two aspects of the domestic problem which perhaps may be worth noting before the Bill passes, as I have no doubt it will. The drug habit is a matter that is well worth the attention of the Government, and I am glad they are beginning to take notice of this great evil in the social structure of our country. It is not only a great but a growing evil, and it seems to be growing *pari passu* with certain types of civilisation. We have not much of it in our country districts. As a rule these habits are learned, developed, and practised rather in the towns, especially in the bigger towns, among certain sections of the population, although it is not confined to any one section. The Government have selected perhaps the principal drugs that are used—opium and its derivatives, morphine and cocaine. The manner in which the Government proposes to attack the drug habit is quite on the right lines, and with one or two slight modifications I do not see any reason why they should not have their Bill. I do not know what the reference to medical men and dispensers exactly mean. Very often the excuse given by people who are victims of the drug habit is that the doctor prescribed for them for certain ailments, and unfortunately, after the immediate need for the drug had passed, the patient, finding the effects of it pleasant ,continues it until he becomes a victim and cannot get rid of it. I presume what is meant by one of the clauses

giving power to the Home Secretary for "regulating the issue by medical practitioners of prescriptions containing any such drug, and the dispensing of any such drugs," is that a chemist who dispenses a prescription containing any of these drugs will not be allowed to dispense it without a renewed prescription being given by the doctor. I do not know how many times a doctor may allow it to be dispensed without the renewed authority, but there certainly should be some limit to that practice, otherwise they might go on taking the drug for a long time. I have often heard people who are addicted even to drink say the doctor advised them to take some, as St. Paul says, for the stomach's sake, or for some other medical purpose. But that is unfair to the doctors, because they do not continue to take the unpleasant medicine after the desired effect has been produced. The doctors are sometimes blamed for that. This is a subject which I commend to the attention of the Home Office. With regard to the question of keeping books of all the drugs that are sent out, I hope that any regulation which is adopted in regard to dispensing or prescribing or in regard to the necessary book work in connection with drugs, will be framed in consultation with the representatives of the medical profession and of the pharmaceutical profession. Otherwise they may be drawn by someone who may do harm without producing the results desired. For an offence against this Act a fine of 200*l.* can be imposed, and on this point I should like to draw attention to the question of alcoholic poisoning. We have, and I am not saying it in any narrow sense, deaths resulting from alcoholic poison; many thousands in a year. We have also deaths indirectly resulting from alcoholic poisoning, inasmuch as people are drowned while under the influence of alcohol. You do not punish those who sold the alcohol. There was a case some time ago in London where a person died as a result of having been supplied with cocaine, and there was a tremendous hullabaloo to get hold of the man who had distributed the cocaine. In that case he might have been quite innocently a cause, as a link in the chain, of the death of this particular victim of the drug habit. Under this Bill he may be imprisoned or fined 200*l.*, whereas the man who sells alcoholic poison which has been the means of killing somebody goes free, and his conduct is not inquired into. That is an unfair discrimination by the law against medical men, chemists, and other people as compared with those who sell something which is used by people in connection with the drug habit.

THE PHARMACEUTICAL VIEW.

Mr. Woolcock: I only intervene in this debate because, with the exception of one of the members for Norfolk, I am the only person in this House who holds a pharmaceutical qualification, and because for some years it was my duty as secretary of the Pharmaceutical Society to administer the Pharmacy Acts of this country and the laws relating to poisons. I have, therefore, had special opportunity for forming an opinion, for what it is worth, on this Bill. From my experience I can very cordially welcome the principle of the Bill, and congratulate my hon. friend on having introduced it. There are some points in the Bill, and not merely matters of detail, upon which the House would be glad if my hon. friend would give some assurance. In regard to Part 1, which deals solely with raw opium, and Part 2, which deals with smoking opium, there is little to be said. It is when we come to Part 3 that we get into difficulty, and I am afraid we shall get into difficulty, because my hon. friend has not had the advantage of receiving any advice or assistance from the people who are accustomed to draft regulations and to draft Acts of Parliament dealing with the poison laws. The framers of the International Opium Convention, to which this Bill is supposed to give effect, were rather wiser than my hon. friend in that respect. They realised in that Convention that most civilised countries have pharmacy laws, and hence in that Convention, in Article 10 (*c*), we find an agreement

> To require that such persons shall enter in their books the quantities manufactured, imports, sales and all other distribution, and reports of morphine, cocaine, and their respective salts. This rule shall not necessarily apply to medical prescriptions and to sales by duly authorised chemists.

I make no complaint that the Home Office have gone much further than that. In endeavouring to get agreement among the large number of countries which are parties to the Convention, the highest standard cannot be taken, but one has to find a common denominator, and in the Convention the common denominator was found. The Home Office Bill goes rather further. I make no complaint, but I would refer particularly to Clause 7 of the Bill, paragraph (*b*), which prohibits

> the manufacture, sale, or distribution of any such drug except by persons licensed or otherwise authorised under the Regulations.

The effect of that may be that this House having passed the Poisons and Pharmacy Act and laid down certain provisions under which a person is allowed to carry on the business of chemist and druggist and to keep open shop for the sale of poisons, and having laid down regulations prescribing the examination, in fact having done everything to safeguard the public interests, we are now proposing by regulations which may be drawn by a Government Department to supersede these important provisions of that Act. For example, unless the regulations are drafted in some particular way, we can have the curious instance of a person, being qualified under the Poisons and Pharmacy Act to carry on business, having his business taken away by reason of the fact that he has not been granted a licence to deal in these particular drugs. I hope the House will bear in mind that while we are speaking loosely at the moment of opium, morphine, cocaine, ecgonine, and heroin, we are dealing with an enormous number of articles. It is not merely three or four simple drugs for which you are legislating, but you are dealing with an enormous number of preparations which will be affected, and this not by the express sanction of the House, but by regulations to be made hereafter and which may be made, apart from the assurance which my hon. and gallant friend has given, without consultation with any of the bodies who are interested. I suggest that the Government should give us an assurance in regard to two or three of these things when the proper time comes. I would like the hon. and gallant gentleman to promise to provide that the restrictions imposed by this Act, or any regulations made under it, shall be in addition to, and not in substitution for, the provisions of the Pharmacy Act and the Poisons and Pharmacy Act. I think this is important if we are not to have chaos in a very technical and difficult subject to administer. I ask for a promise on the Committee stage that a pharmacist who carries on business as a chemist should have the right to dispense and retail substances provided for under this Act. That is essential unless you are going to overrule the former Act. Then there is the very important power given to the Home Office, which, I think, should only be used in very serious cases. I am prepared to go the whole way in dealing with those abominations which have been mentioned, and in preventing the illicit way in which they have been dealt with during the later stages of the war. No penalty is too severe in order to stop those practices. May I point out, however, that there is no appeal. We do not know what the regulations may be, and we have no promise that those whose livelihood may depend upon their administration may be consulted, and yet for a breach of those regulations, it may be serious or trifling, whatever the breach is there is absolutely no appeal, and we have to rely entirely upon the Government Department concerned, and accept their finding. I ask the hon. and gallant gentleman to say, in the case of anyone who is guilty of a breach of the Act or the regulations, that they shall have the right of appeal to some court. I think this is a power which, perhaps, it is necessary to place in the hands of the Home Office, in view of the character of the traffic in certain drugs. I suggest that in legislation of this kind, and particularly in drafting legislation which means so much in regard to this subject, the hon. and

gallant gentleman should assure the House that he will take the opportunity of obtaining the advice and assistance of those experienced in administering the Poisons and Pharmacy Acts, which, I am sure, will be very readily given.

Mr. A. Williams suggested that the Bill would probably create valuable monopolies in the hands of certain people, and as in the case of the sale and manufacture of alcoholic liquors, vested interests would arise on the granting of new licences and so forth. The State should have a clear right to intervene, and take by way of taxation any monopoly value that arises. There is also considerable danger of cornering the market, which has in the case of certain drugs put up the price very considerably. Clearly, if you are going to institute regulations for controlling the production, sale, and distribution of raw opium, cocaine, morphine, and other drugs, and confine that trade to certain persons to be licensed for the purpose, there is a great danger that those persons, being few in number and free from outside competition, may put their heads together to corner the market, and to exact from the public a very undue profit.

Captain Elliot said the members are grateful for Clause 11, which provides that the regulations shall be laid before Parliament before they become law. This will help to avoid any fear that some committee of officials will draw up impracticable regulations. He suggested that the Government should also deal with patent medicines upon the lines of the report of the Select Committee on Patent Medicines, "because in patent medicines very powerful drugs which may be dangerous if used to excess are lavishly used by people who are altogether ignorant of the dangers they run. Various great evils have occurred from people using drugs under conditions which no medical man or chemist would dare to prescribe."

Lieut.-Commander Kenworthy, referring to the use of opium in China, said that with the one exception of opium-smoking the Chinese are a most sober and temperate race. The Bill does not go far enough in regard to the opium traffic from the Indian Empire. The exports from India in 1913 included 799 chests of opium to Japan, and the exports have increased until they have reached 1,936 chests in 1918-19. There was a small export of opium in 1916-17 to Formosa and to Indo-China, which is largely inhabited by Chinese, the export of opium from India has been also steadily rising. In 1913-14 it totalled 375 chests, and that had risen to 2,690 in the following year, and in 1918-19 it had reached the figure of 3,340 chests. To Java the exports show a small decrease, and the number now is 2,400. The export to Siam is now 1,750, having increased from the figure of 1,130 in 1913-1914. To British Borneo, where most of the shops are kept by Chinamen, and a good deal of work is done by them, there is an increase in traffic in opium, and 130 chests were sent in 1918-19. That is very disgraceful, and should be stopped. It has not been stopped because of the power of those who make money out of this terrible traffic. He referred also to the large use made of morphine during the war.

Gazette.

Partnership Dissolved.

Wilkinson, W., and Hamilton, G. A., 166 North End Road, West Kensington, London, W., chemists and druggists, under the style of Wilkinson & Hamilton.

American Glycerin Exports.—The total exports of glycerin from the United States during 1919 amounted to 3,963,392 lb., valued at $1,190,984. Japan was the largest customer, having taken 2,459,097 lb., or 954,722 lb. more than exports to all other foreign customers combined. Exports to Norway were 262,880 lb.; Argentina, 239,226 lb.; China, 120,270 lb.; Canada, 119,965 lb.; Cuba, 109,124 lb.; Chile, 96,678 lb.; Mexico, 60,530 lb.; British India, 57,250 lb.; Hong Kong, 57,199 lb.; Brazil, 47,026 lb.; Sweden, 39,095 lb.; Peru, 37,718 lb.; and Great Britain, 22,682 lb.

Summer Outings.

Ayrton's Picnic.

The employés of Ayrton, Saunders & Co., Ltd., Liverpool, held their annual picnic on June 12 at Overton Hills, Frodsham. The company travelled by special train from Lime Street Station. Unfortunately a sharp thunderstorm, accompanied by torrents of rain, awaited their arrival, but the sky having cleared, sports were held during the afternoon, and departmental competition was keen, especially in the tug-of-war. Mr. H. Nixon and Mr. C. Huxtable, directors, acted as judges of the sporting events. Tea was served in a spacious pavilion, and thereafter Mrs. Huxtable and Miss Nixon presented the prizes to the winners.

John Bell's at Southend.

The annual outing of the employés of John Bell, Hills & Lucas, Ltd., took place at Southend on June 12. The party was favoured with excellent weather, and during the afternoon sports were held in Chalkwell Park. The chief item of interest was the tug-of-war, in which the various departments competed for the "Walter Hills" Challenge Shield. Dinner and tea were served at Messrs. Garon's restaurant, at which Mr. E. W. Lucas, C.B.E., presided, supported by Messrs. J. Stuart Hills, H. B. Stevens, L. N. Henman, A. D. Dick, M. Walmsley, H. J. Cowley, and A. G. Simmonds.

Edinburgh Assistants' Botanical Excursion.

The Edinburgh Chemists' Assistants' and Apprentices' Association held the first botanical excursion of the session on June 9, when about thirty members, under the leadership of Dr. W. G. Smith, of the East of Scotland College of Agriculture, travelled from Waverley Station to Longniddry. Reaching the shore of the Firth of Forth below Gosford House they worked along to Port Seton. Dr. Smith explained how land covered with drifting belts of sand was reclaimed by binding the sand with such plants as *Arenaria cephaloides*, *Chenopodium*, *Cakile maritima*, *Rumex*, etc., which were pointed out. The laying down of a timber belt behind this for the sheltering of land for agricultural purposes was also described. Among plants collected were: *Sisymbrium Alliaria*, *Silene inflata*, *Geranium sanguineum*, *Astragalus danicus*, *Spiræa Ulmaria*, *Œnanthe crocata*, *Sambucus nigra*, *Galium verum*, and *Fraxinus elatior*.

"Internationals'" Outing.

The staff of the International Chemical Co., Ltd. (distributors of bisurated magnesia and other well-known lines), enjoyed a pleasant river outing on June 12. The trip began at Hampton Court. From thence the journey to Old Windsor was made on the steam launch *England*, photographs having previously been taken in the vicinity of Molesey Lock as well as on the launch. The weather was altogether delightful. An excellent lunch and tea were served on board. About three hours were



spent ashore at Old Windsor, where sports, games, and other pastimes were indulged in. The party then re-embarked and returned to Hampton Court. A humorous and rather novel programme was prepared as a souvenir.

Births.

Hayes.—At the Medical Hall, Portumna, co. Galway, on May 31, the wife of Robert W. Hayes, M.P.S.I., of a daughter.

Toher.—At Stephen Street, Sligo, on June 8, the wife of T. P. Toher, M.P.S.I., of a son.

Marriages.

Freeman—White.—At Wesley Church, Gainsborough, on June 9, by the Rev. J. E. Dixon and the Rev. J. P. Taylor, Cecil Freeman to Dorothy Everard, elder daughter of Mr. W. Everard White, chemist and druggist, 7 Market Street.

Hosken—Millard.—At Mount View Congregational Church, Stroud Green, London, N., on June 12, by the Rev. J. H. Parker (cousin of the bridegroom), Edgar, son of Mr. James Hosken, 66 Oakfield Road, N., to Dorothy, only daughter of Mr. E. J. Millard, F.C.S., Ph.C., F.R.M.S. (managing director of C. J. Hewlett & Son., Ltd., manufacturing chemists, Charlotte Street and Curtain Road, E.C. 2), 115 Stapleton Hall Road, N.

The guests numbered about 100, and among them were Sir William and Lady Glyn-Jones, Mr. John C. Hewlett and Mrs. Hewlett, Mr. and Mrs. V. C. Hewlett, Mr. and Mrs. Wippell Gadd, Mrs. J. E. Saul, Miss Saul, and many others. At the subsequent reception Sir William Glyn-Jones proposed the toast of the health of the bride and bridegroom in a felicitous speech, referring to the affection in which the bride was held by the Sunday School (where she has been a teacher for some years), as evidenced by the scholars lining the pathway after the service and throwing flowers. He also mentioned the service of the bridegroom throughout the war. Mr. Hosken is an underwriter and member of Lloyd's. Mr. and Mrs. Hosken are spending their honeymoon at Ilfracombe. The presents were numerous and costly, and included a handsome canteen of cutlery and silver from the staff of C. J. Hewlett & Son, Ltd.

Rees—Jenkins.—At St. Margaret's Church, Mountain Ash, on June 9, Thomas Emlyn Rees, chemist and druggist, younger son of Mr. Thomas Rees, "Westfield," Clythrid Avenue, Uplands, Swansea, to Dora May, only daughter of Mrs. Jenkins, Hazeldene, Mountain Ash.

Deaths.

Hanna.—In a nursing home at Belfast, on June 13, Mr. James Andrew Hanna, R.D., managing director of Alexander Boyd & Co., Ltd., chemists, Lisburn. Mr. Hanna, who passed the Registered Druggist examination in 1893, was an urban councillor of Lisburn, and a member of various societies connected with the public life of the borough. During the war he identified himself with organisations promoted to provide comforts for the soldiers, and his death will be widely regretted.

Sewill.—At Sand Dene, Meadvale, Redhill, Mr. Henry Sewill, M.R.C.S., aged seventy-seven. Mr. Sewill will be remembered as a witness before the Select Committee on Patent Medicines (*C. & D.*, II., 1912, p. 84), when he produced a large number of newspaper cuttings about proprietary medicines, and alleged that the newspapers had suppressed names because the proprietors of the medicines were advertisers. He has been writing for years on "quack medicines" in the medical journals.

Speer.—On June 9, Mr. William Speer, senior partner of W. R. Speer & Son, tooth-brush manufacturers, Pembury Road, London, E. 5, aged seventy-eight. Mr. Speer had been associated from his youth with the business founded by the late Mr. W. R. Speer nearly a century ago, and had established the happiest relations between the workers and the firm. He had also made, by his genial personality, a large circle of friends in business. For some time past he had been in failing health, and the management of the business had devolved upon his elder son, Mr. W. R. Speer, by whom it will be continued.

Personalities.

Mr. John Lewis Jenkins, chemist and druggist, Bridge Street, Haverfordwest, has been appointed a justice of the peace for the county of Pembrokeshire.

Alderman J. Brooks, J.P., pharmacist, High Street North, East Ham, was present at the recent Brussels Health Congress in his capacity of chairman of the East Ham Public Health Committee.

At a Congregation held at Cambridge University on June 11, the degree of Master of Arts was conferred on Mr. S. T. T. Geary, elder son of Mr. S. Geary, chemist and druggist, Sparkenhoe Pharmacy, Leicester.

In Convocation at Oxford on June 15, a decree was unanimously passed to the effect that the name of "The Dyson Perrins Laboratory" be given to the laboratory of organic chemistry endowed by Mr. Charles W. Dyson Perrins (*C. & D.*, 1916, p. 400).

Mr. Benjamin Moore, M.A., D.Sc., Queen's University, Ireland, has been appointed professor of bio-chemistry in the University of Oxford. Dr. Moore, who is a member of the research staff of the Medical Research Council, was recently professor of bio-chemistry at Liverpool University.

Sir Leonard and Lady Rowland, Wrexham, were recently presented by the staff of L. Rowland & Co., chemists, High Street, with a silver fruit-stand, suitably inscribed, in commemoration of the honour of knighthood conferred on Sir Leonard. The ceremony of presentation was marked by cordial tributes to the happy relations existing between employer and employed.

Mr. Ronald G. Gibson Robinson, only son of Mr. G. W. G. Robinson, pharmacist, 307 Railton Road, Herne Hill, London, S.E. 24, has passed the Final examination of the Law Society, and has entered into partnership with a solicitor in the City. Mr. R. G. Gibson Robinson held a commission in the 8th Royal Sussex Regiment during the war, and was dangerously wounded in action in France.

Mr. Francis Daniel Phillips, chemist and druggist, Haverfordwest, has been appointed a justice of the peace for the county of Pembrokeshire. Mr. Phillips is the proprietor of three pharmacies in Haverfordwest, and is interested in other enterprises. He is also a member of the Pembrokeshire county council, and a prominent Freemason. At the recent annual meeting of the South Wales and Monmouthshire Federation of Local Associations he was elected Vice-President.

Dr. W. Wynn Westcott, J.P., coroner for North-East London since 1894, has forwarded his resignation from Natal, where he has lately been staying for the benefit of his health. Dr. Westcott is best known to pharmacists as the joint author of Martindale's "Extra Pharmacopœia." He was born in 1848, and practised in Somersetshire prior to his appointment as assistant-coroner for Central London. As deputy-coroner for Central London he presided at 11,000 inquests, while in the North-Eastern district he estimated that he held no fewer than 28,000. It fell to his lot to hold inquiries relating to the first fatalities caused by enemy bombs in London. He was past-President of the Society for the Study of Inebriety, and Vice-President of the Medico-Legal Society and of the National Sunday League. Seven volumes of the "Collectanea Hermetica" and other books evidencing research stand to his credit as an author. He has made a special study of Egyptian and Hebrew antiquities and of mediæval magical and alchemical books, and was chief of the Rosicrucian Society of England.

Rhodesian Arsenic.—The discovery of arsenic in commercial quantities near Umtala, Southern Rhodesia, has led to the formation of a local company for the manufacture of sheep and cattle dips. It is expected (says "The Times Trade Supplement") that the local product will replace the imported brands at reduced prices.

Drug-trade Appeal Fund.

The Annual Meeting of subscribers to the Drug-trade Appeal Fund was held on June 14 at 110 Temple Chambers, Temple Avenue, London, E.C. The chair was occupied by Mr. C. A. Hill, and there were present: Messrs. F. W. Truman, W. F. Gulliver, J. F. Harrington, and W. P. Want, with the secretary (Mr. W. Johnston), who intimated receipt of a letter from Mr. D. Lloyd Howard apologising for non-attendance. The minutes of the last annual meeting were read and confirmed. The secretary read the annual report, which stated that no appeals had been undertaken during the year. In October last the trustees met to consider an application from a chemist who appealed to the Court of Criminal Appeal from a conviction under the Venereal Disease Act at the London Sessions. The application was for a donation towards defraying the cost of appealing. While sympathising with the applicant, the trustees decided that under all the circumstances they did not feel justified in acceding to such a request. The funds available had been maintained, *plus* a slight increase from interest and dividends. That did not take into account depreciation in the value of investments. It was to be regretted that the fall in the value of War Stock from 94 to 86 had further lessened the value of the stock in the hands of the trustees to the extent of 45*l.* 8*s.* as compared with last year. The value of the stock was, of course, maintained from the revenue point of view, and for that reason, and to avoid sales on an unfavourable market, the trustees proposed borrowing temporarily from the bank in the event of a large call on the fund being necessary, rather than sell good stock at a serious loss. The statement of accounts showed the income from dividends on War Stock and interest on deposit account to have amounted to 30*l.* 8*s.* 5*d.* The expenditure (including the secretary's honorarium) amounted to 6*l.*, leaving a balance of 24*l.* 8*s.* 4*d.* The balance-sheet showed 614*l.* 9*s.* 9*d.* to the credit of the fund. The chairman proposed and Mr. Harrington seconded the adoption of the report and statement of accounts. This was agreed to, and, after a brief discussion, it was decided to empower the trustees to take such steps as they deemed advisable to raise money in the event of a call on the fund being necessary. On the proposition of Mr. Truman, seconded by Mr. Want, the trustees were re-elected, these being Messrs. J. G. Atkinson, W. F. Gulliver, J. F. Harrington, C. A. Hill, L. O. Johnson, J. G. Knight, and F. W. Powell. The secretary said he had to confess candidly that he had always a feeling of reluctance in calling the members together and trespassing upon their valuable time for the transaction of purely formal business at the annual meeting. It had, therefore, occurred to him that in future it would suffice for all requirements if the meeting were held once every two years instead of annually. Of course, it would be quite understood that it would be in the power of the chairman to call a special meeting of the subscribers at any time for the consideration of any extraordinary business, even if a resolution were passed providing for the meeting being held once every two years instead of annually. Mr. Truman agreed with the secretary's suggestion, and proposed a resolution to that effect. Mr. Gulliver raised the point whether, in view of the fact that the proposed change would necessitate an alteration of the rules, notice of such a resolution should not be given. The chairman stated that notice had been given to the subscribers that the proposal would be discussed at that meeting. Mr. Gulliver then seconded the proposition, which was carried. A vote of thanks to the chairman concluded the proceedings.

Italy's Drug and Chemical Trade.—Statistics now published show that a total of 11,782,905,381 lire are invested in 4,414 share-holding undertakings in Italy. The group of chemical factories, with a total of eighty-three firms, has the largest amount of invested capital of any group, the amount totalling 174,319,000 lire. In addition, there are thirty undertakings devoted to the trade in drugs, spices, and manufacture of pharmaceutical products, with a total capital of 38,849,000 lire.

Trade Notes.

Ferrostat Vacuum Bottle.—Condrup, Ltd., 78 Fore Street, London, E.C. 2, advertise in this issue the Ferrostat vacuum bottle, the special feature of which is that it is unbreakable.

Syracuse Bandages.—The agency for these suspensory bandages has been transferred by Henry C. Quelch & Co to John Timpson & Co., Ltd., Golden Lane, London E.C., who are now the agents in this country for all goods manufactured by Johnson & Johnson, New Brunswick, U.S.A.

Fire at Hull.—A. T. J. Smith & Nephew, Ltd., Hull referring to the fire at their premises in Queen Street (*C. & D.*, June 12, p. 47), inform us that these premises were used mainly as a warehouse for reserve stock. The loss does not affect the company's ability to meet the usual demands for surgical dressings.

Oak-leaf Corn Cure.—The Violiv Manufacturing Co. 26 Haymarket Terrace, Edinburgh, are advertising in this issue the Oak-leaf Corn Cure. It is a spread corn-plaster enclosed in carton, and sells retail at 10½*d.* as a "known admitted, and approved remedy." Showcards and window-bills are supplied with each order.

Allen & Hanburys, Ltd., inform us that their Bethnal Green premises will be closed from June 21 till June 30 inclusive, for the purpose of stocktaking. During that time small urgent orders can be executed at Plough Court, Lombard Street, London, E.C. 3, or 7 Vere Street, W. 1. The Bethnal Green works will also be closed on July 3, when the athletic club sports take place at the Ware mills.

Dr. Williams' Pink Pills.—From June 16 the price of Dr. Williams' Pink Pills has been protected at fac value (3*s.*) under the plan of the Proprietary Articles Trade Association. The other specialities of G. T. Fu ford Co., Ltd. (of Canada), 36 Fitzroy Square, London W. 1, are also protected at the following prices: Pinkette 1*s.* 3*d.*; Peptolaxa, 1*s.* 3*d.*; Geo. Taylor's Nasal Balm 2*s.* Further particulars are given in the company's advertisement.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or fir hand suppliers of the undermentioned articles will be appreciate

N/126. "Aladdin" dyes
B/126. Wright's Anti-gangrene
A/156. Niolene.
M/155. "Iris" feeding bottle
E/156. Dophorin
C/156. Anti-leprol capsules
S/166. Fleurs de France
P/166. Trypan Blue; immedia supplies
A/166. "Colio" for dressi horses
A/166. "Wonder Mist" spra

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answer The information as to supply will be given to others who send stamped, addressed envelope to the Information Department, T Chemist and Druggist, 42 Cannon Street, London, E.C. 4:

Almond paste, B/126
Arlington Co.'s preparations, M/106
"Blue Jay" plasters, B/175
Bottles, N/125
Bromaurum, S/183
"Chipette" boxes, M/55
"Cholelith" pills, N/55
Chologen tablets, B/46
"DDD" preparations, C/255
Damaroids, H/215
Galactogogue, S/295
"Germinol," W/243
"Glaxo," M/204
"Glen" soap, C/155
"Gold Mohur" balm, R/123
Hay's Killcorns, E/234
Hearn's bronchial cure, H/84
Hearsey's blackwater fever bipalatinoids, S/274
Iodeol, H/134
Iodocaine, SC/144
"Ironoids," E/96
"Ixal," L/175
"Karmi" preparations, M/2
Kasemol, K/113
Kaufmann's sulphur bitte M/234 and L/204
Lavender bags, SH/55
"Lavoris" mouth wash, R/
"Licromint," SC/45
Lime bisulphate, E/274
Morse's Indian root pi L/273
Mother Siegel's syrup, M/23
Mothersill's seasick reme L/74
Nurse Harvey's mixture, S/
Nuxated iron, W/133 and D/
"Omnium" bandages, R/55
"Ongard" safety-pins, B/2
Orange sticks, M/134
"Pedeline" preparations, C/
"Pertussin," H/113
Petrole Hahn, S/264
"R.F." safety-razor stropp M/74
Radiol, K/294

Observations and Reflections.

By Xrayser IL

The Council, through its Secretary, invites proposals relative to the Dangerous Drugs Bill. I venture to propose a reconsideration of the report of the Law Committee, the partial adoption of which by the Council seems to me to have been inconsistent with the speeches made in its support. The first thing recommended in the report is that the restrictions imposed by or under the Act shall be "in addition to, not in substitution for," the provisions of the Pharmacy Acts and the Poisons and Pharmacy Act. The Committee, however, considered the question whether (or, as they characteristically, but incorrectly, put it, "as to whether") it is or is not desirable to alter the Poisons Schedule so as to bring it into line with the regulations of the International Opium Convention, which, as Mr. Deakin admitted, oblige the Government to impose further restrictions on the trade in opiates. The difference between regarding these further restrictions as an addition to rather than "in substitution for" the provisions of Pharmacy Acts is absolutely *nil*; so far as they go they are in substitution for the Acts, and if we have to submit to them at all it will not matter in the least what we call them: "We change the name, but realise the fate." The recommendations adopted are sheer *camouflage*. Our proper course, if we oppose these restrictions, is to demand that none of the provisions of the new Act shall apply to legally qualified retailers of poisons unless and until effect is given to them by such alterations of the Poisons Schedule as may be agreed upon by the Pharmaceutical Society and the Privy Council, in accordance with existing Acts, and that we shall be exempt from police inspection, except under justices' warrant. I do not say that opposition on these lines would succeed, or that it would make much difference to us in the long run if it did, but it would be a reasonable and dignified protest in justification of our chartered rights and would deserve to succeed.

Evans's Analytical Notes are always interesting, but the latest issue (*C. & D.*, June 5, p. 76), consisting of a review of the years 1914 to 1919 inclusive, is particularly so, and many of the articles are of great practical importance to all pharmacists. Those on tinct. quin. ammon., borax and boric acid, crem. tart., opium, copaiba, and acetylsalicylic acid may be specially mentioned. It will probably astonish many chemists to hear that during these years 91 out of 263 samples of copaiba were rejected by the firm for obvious adulteration or imperfect description, and that 61 out of 111 samples of crem. tart. contained over 20 parts of arsenic per million, 21 of these containing 50 parts or over. Some of the notes have an historic interest—that on ext. bellad. (viride), for instance. The history of this extract, beginning, rather vaguely, with a reference to the P.L., is continued down to its disappearance from the B.P. in 1898. Its first appearance in the P.L. was in 1809, when the leaves were also introduced, but the Edinburgh and Dublin books anticipated this a little by a Succus Spissatus Belladonnæ. Not till 1864 was any care taken, apparently, to secure a green extract. Under "Cedrat Oil" it is noted that correctly this oil should be expressed from citron fruit, for which the French is *cédrat*. But *cédrat* in French does not always refer to what we call the citron. In Hay and Lancin's *Dictionnaire des Ménages* the direction for making *Eau de Cédrat* is that the *Zestes de quatre cédrats, et les zestes d'un citron* should be distilled in every three pints of brandy, and Lemery says that *l'essence de cedra* is obtained from the *citron d'Italie nommé Bergamote*. The confusion between cedrat oil and oil of cedar is very natural, as will be seen from the above; *cèdre* was a name for both trees; and our own Bailey in 1730 defined *cedrated* as "anointed with juice or oil of cedar trees."

"Gambling" and "a Gamble" are now almost always terms of reproach, implying moral blame. Originally they meant nothing more than playing a game, or the game played; then the notion of playing for money crept in, and at last the playing for unduly high stakes. But always the element of chance, or at least of uncertainty, has been involved, and this has now become predominant. Hence, by a transference of meaning, we are led to speak of gambling in business: when Cobbett said that hop-growing and dealing had "always been a gamble," he meant no more than that it had always been a very uncertain business; and in this sense most businesses partake to some extent of the nature of a gamble. Mr. Collins, in the soda case reported last week, need have felt no shame—apparently did feel none—in admitting that when he took a risk in buying soda it was "a bit of a gamble." All speculative businesses are "a bit of a gamble," but without speculation business would soon be impossible. When, however, the chairman said, "Then with your eyes open you went into a gamble," he gave a quite different and an unwarrantable turn to the phrase; and when he went on to speak of a "widespread gambling conspiracy" he confused two entirely different things; the object of such a conspiracy would not be to incur risks but to avoid them—by "taking advantage of the shortage of supplies" and by buying up "all they could lay their hands on," to make exorbitant profit a certainty. This is worthy of all the condemnation it received from the chairman, but it is not what the respondent was charged with, and, anyway, the case was dismissed.

Law and Logic have nothing in common except that they both begin with "l." It is not logical that an apothecary's assistant should be admitted to registration as a chemist and druggist without passing the prescribed examination, while a man with a thorough practical knowledge of the trade and its requirements is not; it is not logical that (as you told us the other day) a man whose income is less than 250*l*. a year should be subject to income tax because his wife is dead and he has to employ a housekeeper who costs him more, while a man whose wife is alive is not. "Scotus" is evidently a *doctrinaire*. Law and logic, indeed! We shall be asked to make law square with justice next. The foundations of the earth are in danger when such revolutionary proposals as these are possible, and the "commonsense view of law" is urged in their support—in a respectable paper, too.

Homœopathy and Allopathy are usually regarded as antithetical terms, but there is no obvious reason why they should be so. In practice the two systems might philosophically be regarded as complementary rather than antagonistic, and that they have not generally been so regarded is no doubt largely due to the fact that allopathy has, in relation to the other system, occupied much the place of an established Church in a country in which dissent is rife. But none of the three ruling principles of homœopathy is peculiar to it, or necessarily at variance with allopathic practice. That some diseases are cured by similars is a doctrine as old as Hippocrates, who also advocated, in many cases, small doses; dosage, indeed, both among allopaths and homœopaths varies almost as much as in serious practice it does between the two. Both systems are applied, in the main, empirically, and it cannot be denied that the tendency is towards a nearer approximation of the two, not to a greater divergence between them. The time will probably come when, like the lion and the lamb, they will lie down together. Why, then, the attack on Mr. Collins?

SIBERIAN GRAPHITE.—Important seams of graphite have been discovered in the Government of Turuchan, near the river Kureika, an affluent of the Yenissei. Seams of 4 metres thickness and extending to a length of several kilometres have been found, the graphite being of a steel-grey colour and of excellent quality, suitable for the manufacture of pencils.

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An announcement of particular interest to you appears in this issue on page 2.

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Editorial Articles.

The Opium and Morphine Problem.

Elsewhere in this issue we give a few facts concernin the opium and morphine traffic in China, taken from special supplement issued by the "Peking and Tientsi Times." The publication of this supplement, in view the attention that is being drawn to the Dangerous Drug Bill, in this country, is singularly appropriate, an is a valuable contribution to the propaganda directe

ainst narcotics in China. One of the features of s supplement is the publication of a formidable ck List, which gives the names of several hun-eds of Japanese vendors dealing in morphine. The a of pillorying them in the Press from time to ne is to obtain publicity for the campaign and make purchase of morphine in China much more difficult l expensive. It is a curious fact that the Japanese horities, while professing their sympathies with the i-morphine campaign, have been unable or unwilling take effective measures against their nationals. In ny centres in China the traffic in morphine pills rishes quite unchecked, as they are on sale at the native pensaries, with large signboards openly advertising trade. In our issue of May 29 we printed a Reuter's gram from Macao, China, stating that a three-years' um monopoly beginning on August 1 has been awarded a Chinese firm at Hong Kong for $3,950,000 annually. t such a monopoly should be created only shows absurd and chaotic conditions ruling among the ons, as Portugal signed and ratified the Opium vention, but did not sign the Protocol, and yet allows local Governments of her colony to receive revenue ied at $3,950,000 from her Opium Farm. It is noto-us that Macao is one of the chief centres of the opium-ggling trade, and it is solely on this account that ao flourishes. Why—if the signatories to the Hague um Convention are in earnest—should not Portugal asked to suppress this scandal? It seems useless to k the Chinese for resuming cultivation of the poppy defiance of treaty undertakings if contiguous foreign essions, such as Macao and Hong Kong (a British wn Colony) continue to permit the opium traffic. eover, Japan signed the Convention, but has not rati-it, and yet that country has, without protest from at Britain or the United States, by purchasing heavily Constantinople and Smyrna, accumulated supplies of m against the time that she will find her sources off. But there is nothing to prevent her from growing poppy in Korea and Japan, as she has been doing for ral years past. The growth of the morphine traffic, ar as it can be traced, is dealt with in a series of uctive articles in the supplement already referred rticles which reveal the utter impossibility of checking smuggling of the drug by preventive measures. Some ne ruses by which it has been exported from Britain ne United States, and thence to Japan for transhipment to China, are disclosed by the various writers, particularly by Sir Francis Aglen, K.B.E., Inspector-General ustoms, and it is pointed out that it is useless to e direct exports to Japan when Japanese traders get as much British morphine as they require by gning it in the first place to the United States. side of the traffic has, however, ceased, as tly the United States Government agreed with British Government to support no application for ission to export narcotics from Britain to the d States unless the American consignee has de-d an affidavit to the effect that the narcotics eeded for legitimate medicinal purposes and will not -exported. The crux of the problem is that India een producing and exporting opium far in excess of wful requirements of the world, as instanced by the s given in the *C. & D.* of May 29 (p. 59), and which laid before the House of Commons without com-Moreover, it would appear that the area under cultivation in India has steadily increased during ast five years (*C. & D.*, May 22, p. 75), and this in spite of the fact that there are no official exports to China. It cannot be denied that there has been a widespread revival of poppy cultivation in China, and this the supplement deals with at considerable length. It appears that the chief offenders are the military authorities, who find an easy method of enriching themselves and paying the armed rabble who masquerade as soldiers. Until China can be effectively governed, the temptation to defy the opium prohibition laws is too great to resist. It is too much to ask from a people long addicted to the use of opium to abstain from its cultivation when morphine has poured into the country by the ton.

Americanising Company Pharmacy.

THE purchase of Boots Pure Drug Co., Ltd., by an American company apparently stands a reasonable chance of being completed. It is probable that Mr. Louis K. Liggett, of the United Drug Co., Boston, U.S.A., when in this country recently, secured some kind of option by which he can acquire the controlling interest in Boots Pure Drug Co., Ltd., so soon as the financial arrangements can be completed. The deal has obviously not yet been carried through, but the information that has been cabled to this country from the United States shows that arrangements have been made for the provision of the necessary capital. We understand that other drug companies which carry on business in London and the South Coast are also to be acquired, and, although these are of secondary importance beside the purchase of Boots Pure Drug Co., yet the main effect will be to Americanise the company pharmacy shops in this country. We give particulars of the various Boots companies in another part of this issue, but the point to be remembered is that the parent company—Boots Pure Drug Co., Ltd.—controls the other companies. When the United Drug Co. first came to this country with their "Rexall" specialities, the Boots companies promptly met the competition by bringing out a series of "Regesan" preparations, which must have prevented an easy victory for the American company in the United Kingdom. Mr. Liggett evidently recognised that drastic steps must be taken if the drug-trade of the United Kingdom is to be captured. The United Drug Co.'s system is to appoint chemists as sole agents in given districts, and many of the chemists' agents designate their places of business "Rexall pharmacies." We do not know what arrangements will be made with "Rexall" chemists, as doubtless there are many living in districts where Boots shops are situated. If these chemists continue to hold agencies we shall have the spectacle of at least a thousand British and Irish pharmacies controlled by Americans. It is easy to exaggerate the importance of this, but when it is remembered that the drug-company candidates at the last Council election of the Pharmaceutical Society obtained an average of about 860 votes, it will be seen that private chemists are still largely in the ascendant so far as membership of the Society is concerned. The addition of the "Rexall" agents to the number would alter the proportion, but, as many chemists took up the American agency as a counter-blast to Boots, it may not be correct to include them with the company pharmacies. It has also to be borne in mind that American methods of conducting drug stores are not completely acclimatised here. A large section of the public still prefer a pharmacy where the sale of drugs and the dispensing of medicine are the chief matters of business. The sale of American-packed remedies, "candies," light refreshments, and the conducting of soda fountains in pharmacies may, however, yet be popularised

in this country, although our opinion is that the individual chemist will always be able to hold his own against an impersonal business conducted mainly from the point of view of huge turnover and of dividends.

The Slump in Linseed Oil.

The position of linseed oil and developments in regard to the movement of supplies of linseed from the River Plate and India have aroused unusual interest during the past fortnight, there having been another heavy decline in prices, and the question how far the downward movement may yet be extended is obviously keeping trading to very limited dimensions. At the close of May the London spot price of "naked" linseed oil stood at about 99*l.* per ton, and has this week collapsed to 74*l.*, thus representing a loss of 25*l.* a ton, while the value of September-December delivery has come down by about 19*l.* to a little below 72*l.* The depreciation has been proportionately much greater than in linseed, the quotations for which have yielded, roughly, 3*l.* to 4*l.* per ton, according to position and description of seed. Calcutta seed for May-June, which at the end of May commanded 43*l.* 10*s.*, has dropped to slightly under 40*l.*, while Argentine seed for June-July shipment is fully 5*l.* cheaper at 35*l.* 10*s.* Crushers find themselves somewhat awkwardly situated, as there is presumably little or no profit in selling oil for distant delivery in the neighbourhood of 74*l.* It is, therefore, not surprising that a little more resistance has become manifest in that direction, which has resulted in the backwardation on forward oil having been considerably reduced in recent weeks. This, however, does not necessarily imply that prices are scraping near "bottom." Sentiment is against a revival of demand for the present on intelligent anticipations that the price of raw material must eventually be allowed to seek an appreciably lower level in the face of the much increased weight of supplies coming forward not only from the River Plate, but also from India. Another reason to that effect is that the tendency of freights has been distinctly easier of late, lower rates having been again recorded this week from the River Plate to this country and to Continental ports. A further material cheapening of the cost of freightage is quite on the cards, while the supply of tonnage is improving by degrees. Reports from the River Plate recently indicated that the difficulties with dock workmen there had been adjusted to an extent where shipments could be increased on a more satisfactory scale. Larger quantities have been moved also to the United States, but, owing to the railway embargoes there, seed could not be recently distributed inland, although there was an urgent demand. The American position in linseed has not been without some influence upon this market in recent months, as indicated by the very considerable quantities of linseed oil which have been dispatched from this side to America. Reserve stocks there are very scanty, so much so that trading has been almost suspended, so that the limited quantities occasionally obtainable recently commanded quite fancy figures. Hence American importers have had ample inducement to get parcels shipped from this side, as such business has proved very profitable. Crushers at Buffalo have since been able to get fair supplies of Argentine seed, thanks to the utilisation of the New York State barge canal, although a strike at the elevators there has checked the movement of supplies by lake to other crushing centres. A considerable portion of the 23,447 tons of linseed oil exported from this country in the last five months went to the United States, the total comparing with 12,461 tons a 12,990 tons respectively in the same period in 1919 a 1913. Our imports of linseed oil are still very small, quantities accounted for in five months being only 1, tons, against close on 9,490 tons in the correspond period in the pre-war year. The home make should appreciably on the increase forthwith, due to the lar tonnage of seed coming into the country. The recei from the River Plate last month were 37,609 tons a Indian seed indicated a notable increase, while the t imported represented 45,709 tons, this making an aggreg for the five months of 146,816 tons, of which well o a hundred thousand tons came from Argentina. whole aspect of the market for the by-product certainly been influenced in consumers' favour by excellent prospects in regard to the Indian crop, w it is generally anticipated that the shipments from source this season will reach about 1¼ million tons. seems very fortunate that the drastic adjustment prices in this essential industry should be accelerated the good results of the two chief world's crops, especi in view of the fact that trade requirements are sur be on an enormous scale for another year or two.

British Pharmaceutical Conference.

The Local Committee has this week sent out the d programme for the Conference to be held in Liver from July 19 to 23.

Monday, July 19.—Evening: Reception at the T Hall by the Lord Mayor.

Tuesday, July 20.—Morning: Full choral service a Cathedral. Opening Session—Presidential address; r ing of Science Section. Ladies' Excursion—To ins the new Cathedral Buildings. Afternoon: Lunch at Exchange Station Hotel. Meetings of Science and P tice Sections. Ladies' Excursion—To the Cunard R.M.S. *Aquitania*, 45,647 tons, now being fitted fo fuel instead of coal. Refreshments will be serve board by kind invitation of the Cunard S.S. Co. E ing: Dinner at the Exchange Station Hotel.

Wednesday, July 21.—Morning: Meetings of Sc and Practice Sections. Ladies' Excursion—To Ca stones Park; famous for its Old English rose ga Afternoon: Lunch at the Exchange Station Hotel. ing session. Trip on the River Mersey on the V Star Line tender, S.S. *Magnetic*, by kind invitatio the White Star Line. Tea will be served on b music. Evening: Smoking concert.

Thursday, July 22.—Whole day: Motor excursio Bettws-y-coed.

Friday, July 23.—Golf. Competition at Formby L Medal play under handicap. Four prizes will be sented. Afternoon: Excursion to Southport at the tation of the Southport Pharmacists' Association.

The Conference tickets are two guineas each, and are special tickets for golf (10*s.* 6*d.* each, inclusive the Southport excursion (4*s.* 6*d.* each). Application tickets, with remittance, must be made to Mr. C. table, F.C.S., 34 Hanover Street, Liverpool, not than July 1. An application form is enclosed wit circular. A list of hotels where accommodation c obtained is also given. In this case application mu made to the managers of the hotels before July 3.

Sicilian Sulphur.—Sulphur exported from Sicily d 1919 amounted to 147,286 tons, compared with 2, tons in 1918. Forty per cent. of this was shipp France; the remainder went to Greece, Turkey, and the United Kingdom and South America.

The Opium and Morphine Traffic.

As stated in the *C. & D.* a fortnight ago, the "Peking and Tientsin Times," of Tientsin, has issued a special illustrated 12-page supplement dealing with the opium and morphine traffic in China. It contains a number of special articles, written by distinguished contributors, who are able to speak with authority and inside knowledge of this most difficult problem, and it may be said that they deal with all aspects of the question. The contents of the supplement include :

1. A message from the President of China—Hsu Shih-chang.
2. A message from ex-President Li Yuan-Hung.
3. A message from the British Minister (J. N. Jordan).
4. "The Chinese Customs Service and Prevention of Illicit Trade in Opium, Morphine, and Kindred Drugs," by Sir Francis Aglen, K.B.E., Inspector-General of Customs.
5. "The Reason Why," by Bishop Norris, D.D.
6. "Co-operation of the Post Office," by Monsieur H. Picard Destelan, Co-director-General of Posts.
7. "The Latest Phase of the Narcotic Problem," by Dr. Wu Lien-Teh, Director of the North Manchuria Plague Service.
8. "Opium in China; Present-day Conditions," by the Rev. Arthur Sowerby, General Secretary of the International Anti-Opium Association, Peking.
9. "The Tragedy of the Morphine Trade," by A. E. Blanco.
10. International Anti-Opium Association, Peking. Report for the year ending February 29, 1920.
11. Morphine Black List.
12. Opium and Morphine in the Chinese Provinces. Latest reports.
13. The Anti-Narcotic Society (Chihli). First annual report.
14. Recommendations of the International Anti-Opium Association.
15. "The Opium Evil," by Mrs. Elizabeth Washburne Wright.
16. American Morphine in China.

In addition to the above there are reports covering the latest information from Great Britain and the United States, and the subject is dealt with in a number of editorial articles. Among the illustrations are reproductions of the packages containing morphine seized in China, and bearing the labels of the British, American, German, and Japanese makers, the last-named showing the seal of the "Imperial Hygienic Laboratory." In the space at our disposal we can only indicate some of the leading features of the traffic. Sir Francis Aglen's article is most interesting and shows how the Chinese Customs Service handicapped as it is by the peculiar nature of its organization, endeavours to cope with smugglers. But its resources in men, time, and money are very limited, and prevention cannot be taken up in a comprehensive manner. From one end of China to the other the land borders lie unguarded—Tibet, Turkestan, Mongolia, Siberia, Korea, Yunnan, Burma, India—and added to this land frontier there are the 3,000 odd miles of coast line, absolutely open except for the comparatively few places where the Maritime Customs supervises trade in restricted areas. In the following paragraph Sir Francis Aglen indicates some of the smugglers' devices :

South Siberia and North Manchuria are important sources of opium, and the railway is a quick and easy means of getting it to the most profitable markets in China. There is, of course, the usual method of concealment in luggage or on the person of passengers, but false-bottom trunks are somewhat out of date, as are also concealments in baggage unknown to owner. Opium and other harmful drugs are variously found hidden in coal cubicles, in coal cars, in the steel lining of railway cars, in the double roofs of carriages, the linoleum covering removed and holes cut in the wood lining, behind panels in express trains, in the ventilators, among the car springs, in the brakes, in watertight bags in the water tanks, in the window frames; a semi-foreign organisation carries the contraband in railway luggage, over which the Customs has only limited supervision, lands it at Soochow, and ships it in sampans and houseboats down numerous canals to the Shanghai market; morphia arrives from abroad in various chemical combinations, in sugar of milk, in saccharin, in soda, the parcel post being constantly made use of; a book arrives named "The Inculcation of Moral Practices," its heart filled with the drug; a steamer on the Upper Yangtze is discovered to have its "samson posts" packed with bags of opium; the Customs constantly seizes shipments of patent medicines with a large content of harmful drugs, already having on file a list of some fifty-five varieties bearing names such as "Dragon's Spittle Anti-opium Pills," "Anti-opium Pills for Youthful People," "Might and Prosperity Pills," "Civilised Pills," "Dr. Yale's Brain Stimulant Remedy," cough lozenges, and asthma, colic, and gastralgia cures. During the period of restricted importation of opium prior to absolute prohibition, a steamer arrives from London with a large compartment constructed in one of its coal bunkers containing about 3,000 lb. of opium, the only immediate access to it being through a manplate in the stokehold plastered over with cement, through the bilges and up through the bottom of the bunker; a shipment of 2,700 cases of "water softener" is discovered at Shanghai to have concealed in it nearly 4 tons of opium which, if it had not been discovered, would have realised a profit of over $1,000,000 on an initial outlay of about $150,000; an innocent-looking Japanese rug is discovered to have the warp made of paper cylinders filled with opium; a sedate Chinese gentleman carries a bird cage with a live bird gaily singing over a false cage bottom filled with the drug; a motor launch on the West River has a false bottom in the oil tank; soldiers on the Tonkin border carry opium in false haversacks. Dr. C. D. Tenney, in a recent article on the Jewish colony at Kaifeng, points out that one of the lessons to be learned from its history is that the Jew as a trader has met his match in China; the same implication of skill in trade is true regarding him in the *rôle* of smuggler: pedlars along the numerous country bypaths carry opium mixed in soot and blacking, in their hats, in matchboxes with a layer of matches on the top, in hollow rolls of silk and cloth, in picture rolls—it is found packed in the shape of rolls of money, in Chinese oil lamps with double bottoms and sides, in the soles of Chinese boots, in hollowed oranges, pumeloes, eggs, soap bars, as kernels in ground-nuts, in dummy candles—five tons of poppy seed (said when discovered to be "roasted" and for medical purposes only) were found at Wuchang, having been shipped by rail from Moukden in military stores over which the Customs has little control, and consigned to a military General—an old Chinese woman boards a steamer at Canton with a basket containing a cat with five newly-born kittens; the mother is very solicitous of their welfare, even though they are dead and stuffed with opium—it is said there is nothing new under the sun; Sir Robert Hart, the former Inspector-General, was the unsuspecting victim of an opium smuggler who concealed opium in his luggage; and my presence on board a Customs cruiser on its way from the South is regarded as a fitting opportunity to bring opium to Shanghai without risk of search and discovery—the West River is practically an open trade route for Yunnan and Kweichow grown opium, and organisations work quite openly with collusion and connivance on the part of petty district and military officials. In October 1918 it is estimated that $60,000 worth of opium was smuggled into Lungchow and eventually shipped to Canton, realising no less than $210,000 on the Canton market. Hong Kong and Macao present insurmountable difficulties in the way of controlling small launches, as no seizures can be made in British and Portuguese waters; opium producers in Macao by agreement are allowed to import a certain amount of opium provided it is reshipped to countries having no opium restrictions. A vessel with opium cargo clears Portuguese waters for Java, but on entering Hong Kong three days later its opium shipment in some way has mysteriously disappeared. Another vessel bound for Mexico on arrival *en route* at Shanghai accidentally discovers that it is the victim of a miracle, as its cases are filled with molasses instead of with opium.

Since April 1, 1917, when absolute prohibition of importation came into effect, the following figures show what the Customs is doing in the way of coping with the problem :

	Opium seized lb.	Morphine seized lb.	Cocaine, etc. seized lb.
1917*	20,468	219	32
1918	26,676	147	15
1919	48,375	213	164

* April to December.

The total seizures amounted to 42.64 tons opium, 5.17 cwt. morphine, and 1.88 cwt. of cocaine, etc., with

an aggregate value of approximately $10,500,000—all of it destroyed, except for small allotments to various hospitals. These figures, however, only touch the fringe of the traffic among a people numbered at 400,000,000, who are susceptible by temperament to the drug habit. Sir Francis outlines the measures which should be taken to eradicate the evils, among them being the suppression of manufacture and sale by international agreement and a nation-wide educational campaign in China to get the active support of the best elements in the country. Sir Francis concludes with an old Chinese saying, "So long as there is opium there will be no revolution" (Yen pu ssu-chu pu luan). "This is no doubt true," he says, "but the national use of opium to the extent implied leads to a peace that spells national death and annihilation in the present age of political and economic competition."

Mr. A. E. Blanco, a director of the International Anti-Opium Association of Peking, in his paper on the morphine trade, gives some interesting figures concerning imports into Japan. In the ten years 1898-1907 some 197,659 oz. were imported, as shown in the statement presented by the Japanese delegates to the International Opium Commission at Shanghai in 1909, but ten years later—in 1917—the Japanese official trade returns show a total importation of 600,208 oz. This amount, compared with the average yearly importation into Japan during the ten years 1898-1907, which then amounted to some 19,766 oz., shows an advance in quantity of more than 3,000 per cent. However, to be able to trace the relation of the gradual diminution of importation of opium into China and the corresponding increase of morphine into Japan, it is but necessary to take the figures of the Japanese Trade Returns; they show: 1915, 358,543 oz.; 1916, 558,812 oz.: and 1917, 600,218 oz. It will be seen, therefore, that Japan had increased her annual imports from an average of 20,000 oz. to some 600,000 oz., and that after the International Convention of 1912, which prohibited the import of the drug into China.

Sir J. N. Jordan's message is an appeal to the people to resist the insidious poison of habit-forming drugs, and he believes that the common-sense and patriotism of the Chinese will ultimately prevail. In his paper on the "Latest Phase of the Narcotic Problem," Dr. Wu Lien-Teh relates some of the difficulties China has to contend with, among them being the fact that Korea is rapidly becoming an opium-producing country under Japanese Government auspices, and that with very few exceptions every Japanese druggist, pawnbroker, brothel-keeper, pedlar, and petty shop-keeper in China is a potential morphine-seller. The fabulous price of $700, equivalent to 210*l.*, is charged for 1 lb. of morphine procured wholesale from one leading Japanese drug-shop engaged in the illicit traffic.

New Books.

Blackham, R. J., C.B., D.S.O., M.D. *Pocket Guide to First-aid Treatment. No. 1, Poisoning; No. 2, Hæmorrhage; No. 3, Insensibility.* 6*d.* each. (Dale, Reynolds & Co., Ltd., 46 Cannon Street, London, E.C.) [Folded cards, 5½ in. × 3¼ in., which can be carried in the pocket without inconvenience. There are seven cards in the complete series. The cards are useful first-aid guides.]

Jordan, H. W. *Private Companies: Their Utility and the Exemptions They Enjoy.* Ninth edition. 8⅜ in. × 5⅝ in. Pp. 71. 1*s.* 4*d.*, post free. (Jordan & Sons, Ltd., 116 and 117 Chancery Lane, London, W.C. 2.) [Useful to chemists who propose to or have formed their businesses into private limited companies.]

Macmillan, A. D. *Income Tax: How to Avoid Overcharges and Obtain Repayments.* 8⅜ in. × 5½ in. Pp. 61. 1*s.* 6*d.* (E. Wilson, 54 Threadneedle Street, London, E.C. 2.) [Deals with causes of overcharge, the various schedules, and allowances and method of obtaining correction or repayment of overcharges. Specimen cases are given in the last chapter, in which the amount of overcharge is shown.]

Association Affairs.

Coventry.—A meeting of the Coventry Pharmacist Association was held on June 8, at which Mr. C. H Welton presided. The secretary reported that he had ha further correspondence with the Local Educatio Authority with reference to classes for students chemistry, physics, and botany, and hoped that arrang ments would shortly be completed. Mr. W. H. Lest (Bedworth) volunteered to collect the information nece sary for the Coventry portion of the Society's w memorial. A new set of rules was agreed to, and will proposed for adoption at the annual meeting, to held in July.

Dublin.—The Dublin and Provincial Retail Drug Ass ciation held a committee meeting on June 9, Mr. A. Ow Wells in the chair. The following were also presen Messrs. R. White, G. A. McLean Lee, W. F. Ell Mellon, John Smith, Dr. J. A. Walsh, Dr. J. A. Mitche and Robert J. Kidney, secretary. Correspondence fr the following was dealt with: Messrs. J. J. Fitzgibb (Kingstown), Johnson Bros. (Dublin), H. Sharman Cra ford (Dublin), and J. M. Torrens (Youghal). Mr. Jo Corcoran, Wilson's Medical Hall, Longford, was elected member of the Association.

Hospital Officers.—The first annual meeting of t Pharmacy Unit of the Incorporated Association of Hc pital Officers was held on June 11, Mr. F. A. Hockin B.Sc., chairman, presiding. The report of the first yea work was adopted, and the membership was stated nc to exceed 100. The Committee expressed their appreci tion to Mr. H. Nelson Andrews for his services honorary secretary of the unit for the past year, a wished him every success in his new profession. Sever members spoke of the activities of the unit during t year, and Messrs. E. B. Fairweather, R. Fouracre, a F. W. March outlined the future programme. Mr. Wh more Peck, of Birmingham, expressed an opinion th the unit should get into closer touch with provinc hospital pharmacists. Nominations for the Committ numbered fourteen, eleven of which were elected; amo the successful members are three ladies.

Manchester.—A special meeting of the Manches Pharmaceutical Association was held on June 9, Mr. Cleworth (President) in the chair. After the Preside in a short speech, had thanked the members for ele ing him, it was agreed to increase the subscription 10*s.* 6*d.* per annum. The appeal issued by the Joint Co mittee of the Pharmaceutical Society and the Briti Pharmaceutical Conference for the Harrison Memor Fund was dealt with, and contributions to the Fund a invited; these should be sent to the treasurer (Mr. A. Pidd).

North-Eastern Group Federation.

The newly-created North-Eastern Group Federation Chemists was inaugurated on June 9, at a meeting at t Griffin Hotel, Leeds, under the chairmanship of Mr. Pilkington Sargeant (Vice-President of the Pharmaceu cal Society), when representatives attended from m parts of Yorkshire, Durham, and Northumberland. was unanimously resolved that the existing Yorksh Federation, one of the earliest area federations of chemi in the country, be merged into the new North-Easte Group Federation and that the available funds be tra ferred. Mr. G. A. Mallinson, assistant secretary of t Pharmaceutical Society, detailed the federation scheme a its expected advantages, and explained the draft rules, or two minor points of which were amended. Mr. Pilkington Sargeant (Leeds) was elected *President*; Mess Whitfield (Scarborough) and Foster (Durham), *Vice-Pre dents*; Mr. Hawkins, *Treasurer*; Mr. H. Gilleghan (Lee and secretary of the late Yorkshire Federation), *H Secretary*; and the following were elected as *Execut Committee*: Messrs. Spilman (Hull), Fleming (Newcast on-Tyne), Antcliffe (Sheffield), Pickard (Ossett), Bro (Durham County), and Briggs (West Riding). The me ing passed a resolution congratulating Mr. Sargeant on election as Vice-President of the Pharmaceutical Socie

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

MERCHANDISE MARKS COMMITTEE.

The President of the Board of Trade stated in the ouse of Commons on June 4 that he had received the port of the Committee which has been considering the ovisions of the Merchandise Marks Act, and that steps e being taken to publish it.

SHOPS (EARLY CLOSING) BILL.

It is not the intention of the Government to include eland in the Shops (Early Closing) Bill, said Major ird in the House of Commons on June 9 when replyg to a question. He added that compulsory early sing of shops on the lines proposed in the Bill ceased to in force in Ireland early last year, and the Government e not satisfied that there is any general desire in Ireid for its reintroduction on a permanent basis.

GRANTS TO VETERINARY STUDENTS.

The Minister of Labour, in reply to a question in the use of Commons recently, said that the total number ex-Service men in Great Britain to whom grants have en given to enable them to attend courses of instrucn in veterinary colleges for the diploma of M.R.C.V.S. 338; in Ireland these grants are administered by the partment of Agriculture and Technical Instruction, ich Department has awarded fifty-one grants. In all es the grants are awarded for study at one or another the colleges recognised by the Royal College of terinary Surgeons. These colleges and the numbers of Service students now in attendance are as follows : yal College of Veterinary Surgeons, London, 107; yal (Dick) Veterinary College, Edinburgh, 97; Royal terinary College, Glasgow, 36; University of Liverpool hool of Veterinary Science, 48; Royal Veterinary Colge, Ballsbridge, Dublin, 41.

INCREASE OF RENT, ETC. (RESTRICTION) BILL.

The Select Committee has held two sittings since our issue to consider the Increase of Rent and Mortgage erest (Restriction) Bill. An attempt was made on ue 11 to include business premises within the scope of Bill, but the amendment was withdrawn on a promise Dr. Addison (in charge of the Bill) to consider whether amendment could not be brought in, on the underding that it would be limited to premises other than ses not beyond the rental limit otherwise applicable he Bill, and that its application would be limited to finite period, or pending the introduction of other legisn. On June 16 Mr. W. Graham moved a new clause lying the Act to any premises used for business, trade, rofessional purposes, as it applied to a dwelling house. at he had in mind, he explained, was not large proional or business establishments but the smaller shops business places in connection with which a tremendous unt of hardship had been experienced. Dr. Addison that during the previous discussion on the subject he a pledge, and in accordance with it he circulated a morandum among the members of the Cabinet. The inet at the same meetings decided the terms of refer to the Select Committee on Business Premises which oped would be on the order paper of the House this . The terms of reference carried out the Governpledge. The Cabinet discussed the subject-matter ne amendment at great length, and deliberately came he conclusion that though they fully recognised that rcentage of small shops had been dealt with hardly, felt that from the point of view of larger policy the osed method was the wrong way to deal with it, and as instructed to adhere to his previous statement that Government could not see its way to incorporate the ndment in the Bill. But it should not be represented y case that they had not in the Bill covered the vast of small shopkeepers, because the vast bulk of them over shops or in premises connected with them. clause was carried by 15 to 12, and was added to the Bill. Dr. Addison said he hoped the Committee would understand that it would be open to him to examine the clause very carefully to see if it carried out the intention of its supporters and did not go any further. The Bill, as amended, was ordered to be reported to the House.

VETERINARY SURGEONS ACT (1881) AMENDMENT BILL.

The third reading of this Bill took place in the House of Commons on June 11, after considerable discussion. Lieut.-Colonel Colvin wished to delete the reference in the preamble which states that funds are to be provided to enable the Royal College of Veterinary Surgeons to conduct prosecutions; it might lead to the persecution of unregistered practitioners. Sir Arthur Boscawen, Parliamentary Secretary to the Ministry of Agriculture, said that one of the objects of the College is to prosecute those who are guilty of unprofessional conduct, which is necessary if a high standard is to be maintained in the veterinary profession. There is nothing whatever in the Bill to prevent unregistered practitioners from carrying on their practice, provided only they do not represent themselves to be veterinary surgeons. The College had recently passed a by-law to stop the "covering" by a fully qualified practitioner of an unregistered person, which has been objected to, and it has been suggested that the College should repeal this and go back to their original by-law, which treated as "conduct disgraceful in a professional respect" cases where a veterinary surgeon permitted an unqualified person to use his name or do anything that allowed him to pass himself off as a qualified person. The College has undertaken to revert to the old by-law, and further has undertaken not to alter this in future without previous consultation with the Ministry of Agriculture. This is an obligation of honour which is entirely satisfactory. Subsequently other members accepted this obligation as binding the College for the future, and the amendment was withdrawn. Major M. Wood moved amendments to Clause 2 which would make it necessary for the Royal College of Veterinary Surgeons to sue for overdue subscriptions in the town where the practitioner lives, instead of only London, Edinburgh, and Dublin. It was pointed out by several speakers that it is easy for the College to instruct local solicitors in the district where the member lives. Amendments to carry out this change were accepted. In Clause 4, which renders companies liable for offences the same as individuals, the words were added : "or a society registered under the Industrial and Provident Societies Act." Mr. Denniss, speaking subsequently, said it was a pitiful state of things that the Royal Veterinary College should have to bring in a Bill to raise the balance of the paltry sum of 3,300 guineas which was paid voluntarily by 3,300 veterinary surgeons. He criticised the monopoly given to the College which does not permit the recognition of a degree obtained at universities such as Leeds, Belfast, and Cardiff, which have veterinary curriculums. Captain Elliot spoke at great length of veterinary research as a means of raising the status of the veterinary surgeon, which "now requires, undoubtedly, to be raised," and benefiting agriculture. Mr. Cautley, who was piloting the Bill through the House, explained the constitution of the College, and said that Mr. Denniss was mistaken in his views regarding the Leeds University. He emphasised the fact that the Bill has nothing to do with unregistered practitioners. It is still open to any practitioner to carry out any operation he likes and to give any drugs he pleases to any animal, and the Royal College has no means of preventing it so long as he does not contravene the law relating to cruelty to animals. He may practise, in fact, on any animal to his heart's content, whether he be registered or unregistered. The only power the College has is that the man who carries on such practice or performs such operations shall not hold himself out to the public, or be held out, as a duly qualified veterinary surgeon, and that, he submitted, is necessary in the interests of veterinary surgeons themselves, and doubly so in the interests of the public.

CUSTOMS DUTIES on goods entering Germany are levied in accordance with the old Customs tariff, but on the basis of the gold parity, if paid in German paper money. For April the surcharge levied amounts to 900 per cent.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, June 17.

There is no improvement to report in business, and if anything the depression has been accentuated. The home trade, in view of the continued sagging in prices, is buying hand-to-mouth only, but on export account trading is of fair volume to certain countries. Japan, however, is quite out of the market as an important buyer, and likely to be for several months. Naturally this abstention reacts on prices of certain chemicals of which she is a re-seller. The fall in bar silver, which is a feature of the week, has been followed by lower prices for a number of Far Eastern products. The weekly uncertainty as to whether the Bank rate will advance is one of the chief factors in checking a return of confidence. Meanwhile the banks do not appear to be taking any risks with commercial houses, as it is becoming a quite common practice when a sale is made of goods, the documents for which are held by a bank, to ask for actual cash (not cheque) against delivery order, a hitherto unheard-of proceeding. The chief alterations of the week comprise a decline in menthol, oil of mint, and Japanese slab camphor. New-crop senega and balsam peru are offered at cheaper rates from America. Canary-seed and shellac are dearer; fenugreek-seed and Chinese galls are cheaper. Honey is steady. Among pharmaceutical chemicals there is an easy undertone, with the exception of hexamine, phenacetin, methyl salicylate, and formaldehyde, the two latter being firmer. Milk-sugar, calcium lactate, barbitone, salol, and resorcin are more or less cheaper. Citric and tartaric acids are extremely quiet; cream of tartar is firm. Cloves are weak and pepper lower. Linseed oil and Chinese wood oil have sharply declined.

Higher.—Canary-seed, potash metabisulphite, shellac.
Firmer.—Methyl salicylate, soda hyposulphite, Japanese vegetable wax.
Easier.—Acetic acid, amyl acetate, aubepine, star anise oil, almond oil (essent.), barbitone, bois de rose (femelle) oil, bromstyrol, calcium lactate, coumarin, farina (Jp.), distilled lime oil, mace, resorcin, salol, silver nitrate, Carnauba wax.
Lower.—Albumen, Japanese slab camphor, cassia oil, eucalyptus oil, fenugreek-seed, Chinese galls, Glauber salt, Java coca-leaves (Amst. auction), lemon oil, linseed, linseed oil, menthol, methyl anthranilate, nutmegs, milk-sugar, mint oil (Jp.), mustard oil, orange oil, patchouli oil, peppers, phenyl acetic aldehyde, senega, turpentine, Chinese wood oil.

Cablegrams.

New York, June 15.—Business is quiet. Senega is lower at $2.25 per lb., and balsam Peru has declined to $5.25. Phenazone (antipyrin) has been reduced to $6.00, and domestic refined camphor to $1.75 per lb.

Bergen, June 17.—The catch of cod amounts to 36,600,000, against 29,000,000 for the corresponding period of last year. The yield of steam-refined oil is 54,739 barrels, against 35,025 barrels at the same date of 1919. Market is unaltered and firm.

Acetic Acid is very quiet, with a weaker tendency. Glacial is about 116*l.* to 117*l.* 10*s.* per ton in casks, and 80-per-cent. pure is 95*l.*

Albumen is about 2*d.* per lb. cheaper, prime Chinese egg offering at 4*s.* 5*d.*, and June-August shipment is 6*d.* lower at 4*s.* per lb. c.i.f.

Anise is unchanged at 87*s.* 6*d.* per cwt. for Russian and 95*s.* to 100*s.* for Spanish.

Arsenic.—Cornish white powder is selling at from 68*l.* to 70*l.* per ton, and the less appreciated Australian is 65*l.* to 66*l.*

Balsams.—*Peru* of B.P. quality in cases is quoted a 28*s.* per lb. *Tolu* is from 7*s.* to 7*s.* 3*d.* per lb., as t quantity, and Maracaibo *Copaiba* can be had at 3*s.* 10½*d* on spot.

Barbitone is about 1*s.* per lb. easier, spot offering a from 26*s.* to 27*s.* per lb., as to quantity.

Caffeine.—Pure crystals offer at 47*s.* 6*d.* per lb., an for parcels afloat 45*s.* 6*d.* c.i.f. is quoted.

Calcium Lactate is the turn cheaper, importers offerin at from 6*s.* 3*d.* to 6*s.* 9*d.* per lb.

Camphor (Refined) is about 9*d.* to 1*s.* per lb. cheape for Japanese refined 2½-lb. slabs, which have been sol down to 8*s.* per lb. on the spot.

Canary-seed.—Good Morocco is dearer at 155*s.* pe quarter, but common qualities are unchanged.

Caraway-seed is in quiet demand at 42*s.* 6*d.* per cw for good Dutch on the spot.

Cascara Sagrada is quiet, with spot sellers of two t three year old bark at 100*s.* per cwt.

Cinchona.—At the Amsterdam auction on June 9, 74 bales and 176 cases Java pharmaceutical bark offered, which 523 bales and 176 cases sold, weighing 35,961 kilo and containing the equivalent of 976 kilos. quinine su phate, at from 75c. to 163½c. per half-kilo.

Cloves are quiet, with spot sales of Zanzibar at fro 1*s.* 9*d.* to 1*s.* 10*d.* per lb., according to quality.

Coca-leaves.—At the Amsterdam auction on June 3,078 packages (2,978 bales and 100 cases) Java offere containing 2,340 kilos. total alkaloids. The average pe centage was 1.34, against 1.32 at the previous auction. the foregoing, 1,982 bales and 100 cases, weighing 121,6 kilos., sold, the total alkaloidal content being 1,695 kilo The prices paid were from 20c. to 93½c. per half-kil and the average unit was 37.65c., against 46.91c. at t previous auction. The first-hand stock at Amsterdam May 19 was 8,918 packages Java and seven cas Peruvian.

Cod-liver Oil.—The recent firmer tone in Norw appears to have been founded more on sentiment th fact, as a very fair quantity changed hands at a l figure—somewhat below 300*s.* per barrel c.i.f.; from 31 to 315*s.* appears to be the present range of prices.

Coriander-seed is neglected, and the quotation co tinues nominal at 20*s.* per cwt. for sound Morocco.

Cream of Tartar is unaltered at from 295*s.* to 30 per cwt., less the usual discount for 99 to 100 per ce powder on the spot.

Cumin-seed is quietly steady at 42*s.* 6*d.* per cwt. fair sifted Morocco.

Dill-seed.—Business is reported at 16*s.* per cwt. East Indian, being firm.

Egg-products continue quiet, with a slightly weak feeling. Chinese liquid hen-yolk containing 2 per ce boric acid is offered at 75*s.* per cwt. on the spot, a June-August shipment is 72*s.* 6*d.* c.i.f. Dried nat whole is 8*d.* per lb. on the spot, sprayed whole egg 2 and dried yolk 9*d.* per lb.

Ergot.—Limited quantities are offered at 40*s.* per on the spot.

Farina is again slightly easier, No. 1 Japanese offering 27*s.* 6*d.* per cwt. on the spot, and for June-August sh ment 27*s.* 6*d.* c.i.f. has been paid. Sweet on the spot 27*s.* per cwt.

Fennel-seed is unchanged at 34*s.* to 35*s.* per cwt. East Indian.

Fenugreek-seed has been pressed for sale, and is lo at 10*s.* to 10*s.* 6*d.* per cwt. for fair Morocco on the spo

Formaldehyde has been temporarily scarce, and in c sequence holders ask an advance of about 10*s.* per cw quoting from 340*s.* to 350*s.* per cwt. in casks for 40-p cent. volume. The high price of methyl alcohol is governing factor in this product.

Galls.—Chinese are lower, plum-shaped offering at 17 and ordinary at 160*s.* per cwt. on the spot.

Ginger is dull. Good Jamaica is 210*s.*, which price prohibitive. Sierra Leone is 72*s.* 6*d.*, Japanese 6 Cochin wormy washed 60*s.*, and Calicut 62*s.* 6*d.* per cw

GLAUBER SALT.—Commercial is cheaper, offering at 12*l.* 13*l.* per ton f.o.b. Liverpool and 11*l.* ex rails. In ndon 12*l.* per ton ex store is quoted.

GLUCOSE.—Sales of American liquid water-white have en made at 59*s.* per cwt., duty paid.

GLYCEROPHOSPHATES.—In further reference to last ek's prices of 12*s.* and 7*s.* 6*d.* for potash and soda spectively, we understand from the largest makers in is country that at no time have their selling prices ached these figures. Their present quotations for mpt delivery are 8*s.* per lb. for potash (75 per cent.) d 6*s.* per lb. for soda (75 per cent.), with special terms large quantities.

HENNA.—For good green whole leaves in single lots)s. per cwt. is asked.

HEXAMINE is steady at from 16*s.* to 16*s.* 6*d.* per lb. on spot.

HONEY meets with a steady demand at about the last tion valuations. A fair quantity of Australian has n disposed of, principally for export, at 70*s.* per cwt. fair.

LINSEED is lower at 45*s.* per cwt. for good bold clean d.

LINSEED OIL shows a further decline, as anticipated. ot (London) is 74*l.* per ton naked, and Hull is 71*s.* 6*d.* ked.

MACE is easier, fair Singapore offering at 1*s.* 3*d.* to 4*d.*, good at 1*s.* 6*d.* to 1*s.* 10*d.*, and pickings at 1*s.* 1*d.* lb.

MENTHOL.—Since the close of last week the market shows decline of about 12*s.* 6*d.* per lb., Kobayashi-Suzuki offer- on the spot down to 35*s.* per lb. Sales of menthol com- ed with oil have been made at 35*s.* c.i.f. for June- gust, also at 30*s.* c.i.f. for July-September and August- tober shipment.

METHYL SALICYLATE has a firmer tendency, and holders now asking 5*s.* 3*d.* per lb. for spot supplies. Wood ohol continues strong and scarce in the U.S.A.

MILK-SUGAR.—Dutch shows a further decline of about per cwt., finest powder offering at from 190*s.* to *s.* per cwt. in cases, according to quantity.

NUTMEGS have been neglected, and lower prices have n taken. Singapore 110's are 11*d.* and 65's 1*s.* 5*d.* lb.

OLIVE OIL.—The exports of olive oil from Spain during first nine months of the past year amounted to 324,571 kilos., to the value of 97,324,571 pesetas, against otal export of 18,743,850 kilos. during the same period 1917. Of this total, the largest amounts were ex- ted to the following countries: France, 31,528,527; ited States, 29,597,621; Italy, 7,197,030; Argentine, 37,619; Great Britain, 4,729,249; Cuba, 3,155,327; Bel- m, 2,706,665; Uruguay, 1,751,537; Melilla, Morocco, 70,843; Canary Islands, 1,025,774 kilos. From Bari, ly, it is reported that the situation in olive oil is quieter t. No transactions are recorded. Expectations of the crop are most hopeful, the appearance of the gardens g excellent.

OPIUM.—The London spot market is steady and a fair ntity of Turkey druggists' has been sold, mostly 12 per ., at 20*s.* per lb. News just in from Turkey indicates t further business is passing there at somewhat gular prices, due to the vagaries of the exchange.

SMYRNA, May 29.—We have to report a decline of about per lb., with sales of 20 cases at 15*s.* 6*d.* to 20*s.*, as to lity and strength. Fine manufacturing Karahissar of per cent. test can be done now at present exchange at 9*d.* per lb. c.i.f. The exchange is piastres 432 per nd sterling for cheque and $0.89 for one Turkish pound. arrivals amount to 1,665 cases, against 662 at same last year.

OXALIC ACID is unchanged, powdered or crystals offering 2*s.* 10*d.* per lb.

PEPPER is ½*d.* per lb. lower for fair black Singapore, having been sold down to 6½*d.* per lb.; to arrive, e-August, August-October, and September-November ments have been sold at 6⅝*d.* to 6⅞*d.* to 6¾*d.* c.i.f. pong on spot is ¼*d.* cheaper at 7*d.*, and June-August is 6½*d.* c.i.f. Tellicherry is 8*d.* and Aleppy 7¼*d.* spot. *White* pepper is also ½*d.* lower, fair Muntok selling at 1*s.* 0½*d.* to 1*s.*, and August-October at 11¼*d.* to 11*d.* c.i.f. Singapore on spot has sold at 1*s.* to 11¾*d.* per lb., closing on Wednesday with sellers at 11½*d.*

PHENACETIN is steady at from about 16*s.* 6*d.* to 17*s.* 6*d.* per lb. on the spot, according to quality, and for prompt shipment from America 16*s.* is quoted. Makers in that country appear to be well booked ahead with orders.

PIMENTO is dull of sale, with spot sellers at 5½*d.* per lb.

PODOPHYLLUM-ROOT.—We notice the arrival of twenty bales from Calcutta.

POTASH BROMIDE is offered at irregular prices, but from the regular distributors to the trade the price of crystals is 3*s.* 6*d.* and granular 3*s.* 3*d.* per lb.

POTASH METABISULPHITE is dearer, sellers quoting crystals or powder at 295*s.* per cwt.

POTASH PERMANGANATE is plentiful, with importers offering at from 4*s.* 9*d.* to 5*s.* per lb.

QUICKSILVER has been firm throughout at from 21*l.* to 21*l.* 10*s.* per bottle. Demand, however, has not been so brisk this week.

QUININE.—Arrivals amounting to 204,000 oz. sulphate and 62,000 oz. hydrochloride have taken place from Java.

RESORCIN is easier, importers offering B.P. at 26*s.* per lb., and for parcels afloat 25*s.* c.i.f. is quoted.

SALICYLATES are quiet and unchanged, B.P. salicylic-acid powder offering at 3*s.* 4*d.* to 3*s.* 5*d.* per lb., sodium-salicylate crystals at 4*s.* 5*d.* to 4*s.* 6*d.* and powder at 4*s.* 3*d.* per lb.

SALOL is a trifle easier, spot parcels offering at 5*s.* 9*d.* per lb.

SENEGA.—To arrive, new crop is quoted at 9*s.* per lb. c.i.f.

SHELLAC is firm and fully 10*s.* per cwt. higher on the week so far as regards spot, which has been sold at from 610*s.* to 620*s.* per cwt. for usual standard TN Orange quality. Futures are dearer, the sales including August at from 585*s.* to 605*s.* to 600*s.* and October at from 540*s.* to 560*s.*

SILVER NITRATE is again lower, and the following prices for crystals, based on the metal price of 44⅜*d.* per oz., are quoted: In quantities of 25 oz., 2*s.* 9*d.* per oz.; 50 oz., 2*s.* 8½*d.*; 100 oz., 2*s.* 8*d.*; 500 oz., 2*s.* 7*d.*

SODA HYPOSULPHITE is scarce and with a firmer tendency. This week 45*l.* per ton has been paid in ton lots of pea crystals.

SUGAR.—The Royal Commission on the Sugar Supply has purchased the entire Mauritius crop for the forthcoming year, estimated to yield 200,000 tons. The purchase price varied from 89*s.* to 91*s.* per ton f.o.b., according to quality, and the total sum involved in the deal was 18,000,000*l.*

TURPENTINE is about 5*s.* per cwt. lower, American closing at 168*s.* per cwt. on a quiet market.

VANILLA.—An advice from Tahiti dated May 5 gives the following quotations: 42 fr. per kilo. for white label, 40 fr. per kilo. for yellow label, and 36 fr. to 38 fr. for green label.

WAX, VEGETABLE.—Carnauba is lower, fatty grey offering at 250*s.* per cwt. on the spot. Japanese is firmer at 110*s.* per cwt. on the spot, which has been paid.

WOOD OIL shows a considerable decline, owing to the fall in silver, Hankow offering at 122*s.* 6*d.* per cwt. and Hong Kong at 115*s.* on the spot.

Essential Oils Market.

A LONG LIST of essential oils are quoted this week at lower spot prices, but this, it appears, may be taken as an indication that there is practically no business passing, and consequently holders are anxious to realise. Angelica oil is now in fair supply on spot at lower prices. Cassia is cheaper on account of the decline in silver, and eucalyptus has again weakened, supplies being still good. There is small business passing in lemon, which is lower for forward shipment. Sicilian orange oil is in a similar position. Mustard is cheaper, and patchouli appears to be receding from the high prices recently mentioned. The fall in the

price of silver is also reflected in star anise, which is again cheaper. Essential almond, bois de rose, and Japanese mint oils are easier. Much irregularity is shown in the prices of synthetics, but supplies, with one or two notable exceptions, appear to be improving, and prices tend lower where changes have occurred. Aubepine, bromstyrol, and coumarin are easier. Phenyl acetic aldehyde and methyl anthranilate are lower.

Almond.—Essential s.a.p. is easier on spot at 38*s.* to 40*s.* per lb.

Angelica is lower on spot at 100*s.* per lb.

Anise is quiet and easier. "Red Ship" brand having been sold at 4*s.* 2*d.* per lb.

Bergamot is dull, with holders inclined to shade last week's quotations (from 36*s.* to 38*s.* per lb. for 37 to 38 l.a.).

Bois de Rose (Femelle).—There are sellers at 50*s.* per lb., although up to 52*s.* is mentioned.

Cananga is quoted from 24*s.* to 25*s.* 6*d.* per lb., according to source and quantity, but supplies are said to be scarce.

Cassia.—The fall in silver has led to a reduction of about 6*d.* per lb., 80 to 85 per cent. cinnamic aldehyde offering on the spot at 8*s.* 6*d.* per lb.

Citronella.—Ceylon is steady at about last week's quotations (3*s.* 6*d.* to 3*s.* 9*d.* per lb.). Forward offers are lower. Java on spot is about 6*s.* per lb. Very little business is reported.

Eucalyptus is lower, with 70 to 75 per cent. cineol offering at 2*s.* 6*d.* per lb. upwards. Forward quotations appear to be in the neighbourhood of 3*s.*

Geranium.—Bourbon is unchanged on spot, 42*s.* per lb. being about the average quotation, although there are sellers at 41*s.*

Ginger-grass, "insoluble," is unchanged on spot at 20*s.* to 21*s.* per lb. Bombay is said to be making no offers at present for shipment.

Lime.—In the absence of demand the price of West Indian distilled is nominal at 7*s.* 6*d.* per lb.

Linaloe.—Mexican wood is quoted on spot at 35*s.* to 37*s.* per lb.

Lemon.—Lower prices appear to be coming forward from the source, from 8*s.* to 8*s.* 3*d.* per lb. c.i.f. being mentioned. Spot holders report that little business is passing at 8*s.* 6*d.* to 9*s.* per lb.

Lemongrass appears to be neglected. The spot price is unchanged at 1*s.* 2*d.* per oz.

Mint Oil.—Japanese dementholised is easier, Kobayashi-Suzuki offering at 10*s.* per lb. on the spot and Yazawa at 9*s.* 6*d.*

Mustard.—B.P. is lower on the spot at 65*s.* per lb. in one direction. Artificial is unchanged at 30*s.*

Orange.—Sweet Calabrian is easier on the spot at 50*s.* per lb. Lower quotations are coming forward from the source, and offers are reported at from 41*s.* to 45*s.* Bitter is quoted at 30*s.* to 33*s.* for spot. The lowest price quoted for West Indian oil on spot appears to be 39*s.* per lb., and up to 42*s.* 6*d.* has been mentioned.

Peppermint remains quiet, the value of so-called "Wayne County" in tins on the spot being from 40*s.* to 42*s.* 6*d.* per lb., and for H.G.H. 66*s.*, London terms, is quoted.

Palmarosa is unchanged at 26*s.* to 27*s.* per lb. spot.

Patchouli.—Holders are prepared to accept lower prices in the absence of demand at the high figures recently mentioned, and 85*s.* per lb. is quoted, although sellers can be found considerably within that figure.

Petitgrain.—Paraguayan is unchanged on the spot at 32*s.* to 33*s.* per lb. Forward offers are lower at 30*s.*

Aromatic and Synthetic Chemicals.

Amyl Salicylate is still in the neighbourhood of 10*s.* to 12*s.* per lb., although lower prices have been mentioned. Aubepine is easier at from 37*s.* 6*d.* to 39*s.* per lb. Benzaldehyde, f.f.c., is not too plentiful, and 8*s.* per lb. is quoted nominally; a product containing 0.03 per cent. of chlorine is quoted on spot at 5*s.* 3*d.* in one direction. Bromstyrol is still irregularly quoted, but appears to be easier, from 36*s.* to 43*s.* per lb. on spot and forward from 38*s.* to 41*s.* Cinnamic Alcohol is unchanged at 110*s.* per lb. for forward. For spot supplies of Citral 35*s.* has been paid. Forward shipment appears to be higher. Coumarin is easier this week on spot, 32*s.* to 37*s.* per lb. being quoted. Diphenyl Oxide in spot lots is unchanged at 14*s.* per lb. Eugenol is irregular; a fair average quotation appears to be in the neighbourhood of 29*s.* per lb., and for Iso-eugenol about 38*s.* is wanted. Geraniol, ex palmarosa, is quoted at 40*s.* per lb. Artificial Geranium Oil is offered on spot at 18*s.* to 25*s.* per lb., as to seller. Indol shows considerable irregularity, spot holders asking from 40*s.* to 56*s.* per oz. Ionone to arrive, stated to be 100 per cent., is quoted at the price of 95*s.* per lb. in one direction, but spot lots held about 140*s.* As lemongrass oil is cheaper a be supply shortly is anticipated. For Linalol 65*s.* per lb. s and 70*s.* forward is quoted. Linalyl Acetate of good qua is about 85*s.* to 90*s.* per lb. for spot lots. Methyl Anthr late is lower on spot at about 35*s.* per lb., and forward Fair business is reported this week. Musk ambrette nominal on spot. Forward shipment is offered at 310*s.* 350*s.* per lb. for 100 per cent. For xylol about 47*s.* per is mentioned, and for ketone to arrive 120*s.* per lb. wanted in one direction. Phenyl ethyl acetate is changed at 45*s.* per lb. on the spot. Phenyl acetic aldeh is lower at 90*s.* to 95*s.* per lb. for 100 per cent. For Rhodi 85*s.* per lb. is quoted. The following are included in arrivals this week: Amyl salicylate (Holl.), 115*l.*, 40*l.*; bromstyrol (Holl.), 231*l.*; eugenol (Holl.), 20 geraniol (Holl.), 484*l.*; heliotropin (Holl.), 331*l.*; me anthranilate (Holl.), 417*l.*; phenyl acetic aldehyde (Ho 77*l.*; terpineol (Fr.), 64*l.*

English Drug Crops.

Writing in regard to the forthcoming drug crops, Will Ransom & Son, Ltd., Hitchin, state that "at the pre time we are cutting a very fair crop of second bien *henbane*, and can now offer the new season's green extr leaves and tops P.B. 1898 and P.B. 1914 leaves. *Be donna* will not be quite such a heavy crop this year. shall be starting on this shortly, and shall hope to be to offer extract and leaves in the course of a few we Our other crops, including lavender, peppermint, acor squirting cucumber, chamomiles, and rosemary, look missing, but it is early yet to say how they will turn With reference to lavender, the acreage is still below nor as we have not yet recovered from the war restricti when we were unable to keep up the plantation. Of young seeds—belladonna and henbane—sown this year, former look well, but the henbane is suffering decidedly f drought."

Nitrate of Soda.

In their monthly report, Henry Bath & Son, Ltd., s that the past month has been very quiet for the nit trade, both as regards the requirements of the pre season and preparations for next. Consumption was di pointing, deliveries in Europe being less than one-thir those for May 1914, and although some improvement be looked for during June, the total of the season's sumption will not come up to expectations. Defec transport, shortage of labour, and strikes in Fr are partly responsible for this, but the princ reason is that the price has been too high. Du the major portion of the consuming season the cost has been round about 25*s.* to 26*s.* per cwt., these prices, coupled with the demoralising fluctuation exchange which prevailed at the time, proved detrime to demand. It is an undoubted fact that many consu who wanted nitrate went without it rather than face prices that ruled during April and the first half of M and the consequence is that stocks of greater volume anticipated in various ports will have to be carried until next year. The attempts which were made last m to induce the German producers to join the association no result. The German producers are in the happy posi of enjoying the benefits resulting from the association v out having to submit to the disadvantages thereof, they will naturally maintain this position so long as are permitted to do so. The production of synthetic n gen in various forms in Germany is said to be ma some progress in spite of the scarcity of coal, and understood that Germany has this season produced inter 70 per cent. to 80 per cent. of its pre-war consumptio nitrogen. The sale price of the synthetic nitrogen ha season been less than half that at which nitrate of could have been imported into Germany, owing to the value of the mark, but any material improvement in latter should bring the two articles into more active petition. A decided preference would be shown for Ch nitrate of soda at even prices, and it is known that the acreage in Germany this year has suffered for the of it.

Cheap Benzoates and Bromides.—At a recent auc in Hamburg, 2,000 kilos. of sodium benzoate and 2 kilos. of potassium bromide were sold, the former at and the latter at 48m. a kilo. A few weeks before 1 were being paid for a kilo. of potassium bromide.

Arrivals of Drugs, Chemicals, etc.

The following products have arrived at the ports named:

London

(May 26 to June 1).

Alcohol, methyl (Halif.), 123 drms.
Casein (Holl.), 2,694 bls.
Chemical products, etc.: (Holl.) 20 pkgs., (Fr.) 9 cks.
Acetic acid (U.S.), 829 brls. 180 demij.
Alum sulph. (Antw.), 410 bgs.
Argol (It.), 331 bgs.
Arsenic, (Ch.) 280 cs., (Port.) 21 cks.
Aspirin (Germ.), 16 cs.
Barium chlor. (Antw.), 15 pkgs.
Barytes, (Antw.) 200 bgs., (It.) 1,240 bgs.
Boric acid, (U.S.) 870 sks., (It.) 83 brls.
Bromides: not descr. (Germ.) 30 pkgs., pot. 37 pkgs. 21 cs.
Bromine (Germ.), 148 cs.
Citric acid, (Fr.) 200 cks., (U.S.) 100 cks., (It.) 40 kgs.
Creosote (Can.), 20 cs.
Heliotropin (U.S.), 10 cs.
Hydroquinone (It.), 10 cs.
Lead acet. (Antw.), 64 brls.
Lead carb. (It.), 41 cks.
Magnes. chlor. (Antw.), 50 cs. 74 cks.
Mercury, (Sp.) 4,000 fl., (It.) 100 bottls.
Milk-sugar (U.S.), 227 brls.
Nicotine sulph. (U.S.), 45 cs.
Oxalic acid, (Denm.) 9 cks., (Antw.) 17 cks.
Pot. nit., (Fr.) 800 bgs., (Belg.) 500 bgs.; mur. (Germ.), 29 cks.; sulph. (Holl.), 150 bgs.
Pot. prussiate (Amst.), 8 cks.
Prussian blue (Holl.), 8 cks.
Tannic acid (Can.), 7 brls.
Tartar (N.Y.), 120 cks.
Tartaric acid (It.), 80 kgs.
Tartrate (Sp.), 471 bgs.
Zinc sulph. (Germ.) 45 brls.
Drugs, crude, etc.: leaves, (Fr.) 144 bls., (U.S.) 115 pkgs.
Aloes (Aden), 7 cs.
Balsams, (Cristobal) 7 cs., (Holl.) 26 cs.
Calumba (E. Af.), 366 bgs.
Camphor (Ch.), 201 cs.
Cinchona, (Amst.) 260 bls., (S. Amer.) 133 bls.
Cod-liver oil (Norw.), 210 brls.
Copaiba (N.Y.), 10 cs.
Cider-berries (Port.), 10 cs.
Ipecacuanha (N.Y.), 20 bls.
Jalap (Amst.), 27 bgs.
Juniper (It.), 5 bls.
Orris (It.), 53 bls.
Rhubarb (Amst.), 66 cs.
Sarsaparilla (U.S.), 50 pkgs.
Squills (It.), 5 bls.
Strophanthus (E. Af.), 28 bgs.
Tamarinds (E.I.), 237 bdls.
Tonose (Fr.), 35 cks.
Gums, resins, etc.: copal (Antw.), 1,242 bgs. 64 cs.; Dutch (R'goon), 500 bxs., Damar (Amst.), 100 cs.; Manri (Holl.), 50 bgs.; lac: shell, (Cal.) 7,420 cs., (Germ.) cs.; resin (Fr.), 50 cks.
Honey (Amst.), 100 brls.
Hyopone (Germ.), 40 cks.
Oils, essential:
Bergamot (Swe.), 5 cs.
Birch (U.S.), 3 cs.
Cananga (Holl.), 5 drms.
Cinnamon (Cey.), 57 cs.
Citronella, (Cey.) 10 drms., (Amst.) 21 drms.
Cuminm (Fr.), 9 cks.
Juniper (Germ.), 4 cs.
Lemon (Sic.), 149 × ½ cs.
Linaloe, (U.S.) 21 cs., (W.I.) 9 cs.
Linaloe. (Fr.) 5 cs., (U.S.) 9 cs.
Orange (Sic.), 1 oct.
Rose (Fr.), 43 cs.
Turpentine. (Fr.) 637 pkgs., (Port.) 12 drms.
Oils, fixed: olivè, (Fr.) 10 pkgs. (Brls., (Gibr.) 458 pkgs.
Petroleum jelly (U.S.), 150 brls.
Seeds: coriander (Fr.), 750 bgs.; cumin (Fr.), 364 bgs.; lin, (E.I.) 408 bgs., (R. Plate) 19,357 bgs.
Spices: chillies (E. Af.), 73 bgs. 7 bls.; cloves (E. Af.), 1,986 bls.
Vanilla (Fr.), 6 cs.
Waxes: bees' (E. Af.), 20 cs. 5 bdls. 105 pkgs. 417 bgs.; carnauba (Fr.), 135 bgs.; paraffin (E.I.), 2,000 bgs. 20 tons.

Liverpool

(May 25 to May 31).

Capsicum (W. Af.), 1,118 bgs.
Chemical products, etc.: Antimony ore (Aust.), 4,363 bgs.
Argol (It.), 124 cks.
Arsenic (Aust.), 85 brls.
Bismuth ore (Ch.), 34 bgs.
Calc. borate (Chile), 7,518 bgs.
Calc. tart. (Sp.), 95 cs.
Glycerin (It.), 238 cks.
Iodine (Chile), 82 kgs.
Potash, caustic (Holl.), 46 drms.
Quinine (Fr.), 20 cs.
Soda caustic (Amst.), 4 cs.
Soda nitr. (Chile), 44,663 sks.
Soda phosph. (N.Y.), 148 brls.
Tartaric acid, (Fr.) 50 cks., (Holl.) 12 cks., (Sp.) 22 brls.
Tartar (Sp.), 80 brls.
Zinc oxide (Fr.), 618 bgs.
Drugs, crude, etc.: Cinchona bark (Arica), 96 bls.
Cuttlefish (E.I.), 339 pkgs.
Hemlock ext. (Can.), 60 cs.
Gums, resins, etc.: acacia (W. Af.), 1,024 cs., 100 brls.: lac: shell (Cal.), 30 chts.: resin (Fr.), 305 cks. 1,858 brls.
Isinglass (Para.), 13 bgs.
Oils, essential: (N.Y.) 6 cs.: turpentine (Fr.), 30 cs. 50 brls. 42 cks.
Olive oil, (Fr.) 380 cs., (Sp.) 25 cs.
Seeds: castor (S. Amer.), 3,132 bgs.; groundnuts (W. Af.), 3,504 bgs.; palm kernels (W. Af.), 95,210 bgs.; sesame, (W. Af.) 81 bgs., (Port.) 3 bgs.; shea nuts (W. Af.), 160 bgs.
Waxes: bees' (W. Af.), 99 pkgs. 36 bgs.; candelilla (U.S.), 347 sks.; carnauba (Fr.), 68 sks.; paraffin (U.S.), 300 brls.

Hull

(May 22 to May 29).

Aniline colours (Germ.), 12 brls.; β-naphthol (Germ.), 8 cks.; linseed (R. Plate), 20,388 bgs.; olive oil (Sp.), 570 brls.: potash, caust. (Holl.), 131 drms.; sal ammoniac (Holl.), 15 cks.

Manchester

(May 21 to May 29).

Chemicals: not descr. (Antw.), 200 bgs.; ammon. phosph. (Antw.), 38 cks.; aniline dyes, (Antw.) 157 cks., (N.Y.) 6 kgs. 45 brls., (Holl.) 72 cks.: barium chlor. (Antw.), 26 cks.; barytes (Holl.), 100 bgs.: β-naphthol (N.Y.), 173 brls.; lead acet. (N.Y.), 78 brls.: naphthol dyes (N.Y.), 19 brls.; oxalic acid (Holl.), 56 cs.; pot. cyan. (Holl.), 12 cs.; pot. nit. (Antw.), 100 brls.; pot. permang. (Antw.), 12 brls.; pot. pruss. (Holl.), 5 cks.: salicyl. acid (N.Y.), 192 brls.; soda acet. (Antw.), 120 cs., (U.S.) 69 brls.; soda bichrom. (N.Y.), 32 cks.; soda chlorate (Swe.), 200 cs.: soda phosph. (N.Y.), 25 brls.; soda pruss., (Antw.) 17 cks., (N.Y.) 7 cks.; tartaric acid (Holl.), 18 cks.; turpentine (N.Y.), 25 cs.; wax, paraffin (U.S.), 400 bgs. 475 brls.; zinc oxide (Antw.), 120 brls.

Southampton

(May 24).

Aloes (Mossel B.), 103 cs.: drugs (Fr.), 220 cs.; perfumes, synthetic (Fr.), 21 pkgs.

London

(June 1 to 8).

Chemical products, etc.: Acetic acid (U.S.), 294 brls.
Argol, (It.) 29 cks., (Sp.) 75 cks. 439 bgs.
Arsenic (Jp.), 250 cs.
Barytes (Germ.), 43 cks. 160 brls.
Calc. borate (Chile), 3,938 bgs.
Calc. cit. (It.), 181 pkgs.
Calc. tart. (Sp.), 38 brls. 269 bgs.
Cerium nitrate (Germ.), 4 cs.
Formaldehyde (Can.), 20 brls.
Formic acid (Fr.), 72 pkgs.
Fusel oil (Sp.), 14 drms.
Ichthyol (Jp.), 20 cs.
Lead, sugar (Holl.), 28 brls.
Mercury (Jp.), 200 botts.
Milk-sugar (Aust.), 50 cs.
Oxalic acid (Denm.), 12 pkgs.
Phenol (Fr.), 114 cks.
Safrol (Jp.), 6 drms.
Saltpetre (E.I.), 2,100 bgs.
Silver nitrate (Germ.), 26 cs.
Soda hyposul. (U.S.), 100 kgs.
Soda nitr. (Chile), 11,348 bgs.
Sulphur (Sic.), 5,685 bgs.
Tartar, (It.) 28 pkgs. 58 cks., (Sic.) 18 cks., (Sp.) 261 brls. 366 bgs.
Tartaric acid (Sic.), 50 cks.
Thorium nitrate (Germ.), 86 cs.
Wine lees (Sp.), 624 bgs.
Cocoa butter (S'hai), 313 cs.
Drugs, crude, etc.: Herbs (Belg.), 15 pkgs.; roots (Bahia), 62 bgs.
Benzoin (S'pore), 165 cs.
Camphor (Ch.), 12 pkgs. 463 cs.
Cantharides (Ch.), 311 cs.
Cardamoms (E.I.), 238 cs.
Cinchona, (S. Amer.) 18 bls., (Germ.) 6 cs. 25 bgs., (E.I.) 76 bls.
Cubebs (S'pore), 43 bgs.
Galls (Ch.), 100 cs.
Gamboge (S'pore), 11 cs.
Gentian (It.), 12 bls.
Juniper-berries (It.), 50 sks.
Lanoline (Aust.), 29 cs.
Liquorice-juice (Sic.), 31 cs.
Liquorice-root (Sic.), 100 sks. 160 cs.
Manna (Sic.), 5 cs.
Menthol (Jp.), 650 cs.
Nux vomica (E.I.), 1,997 pkts.
Orange-peel (Sic.), 10 bls.
Orris (It.), 171 bls.
Patchouli-leaves, 18 bls.
Quassia (Anst.), 250 bdls.
Quillaia (Chile), 85 bls.
Rhubarb (S'hai), 313 cs.
Sandalwood (Holl.), 32 bskts.
Senna (Alex.), 27 bls.
Squill (Malta), 237 bgs.
Turmeric (E.I.), 100 bgs.
Glucose (N.Y.), 50 brls.
Gums, resins, etc: not described. (E.I.) 406 bgs., (Antw.) 857 pkgs., (Moroc.) 27 brls. 56 bgs.; copal, (S'pore) 430 cs., (Antw.) 196 bskts. 728 bgs., (Ch.) 277 bgs., (Fr.) 406 bgs.; damar (S'pore), 408 cs.; lac: shell (Cal.), 125 cs. 100 bgs.; stick (Ch.), 7 bgs.; sandarac (Moroc.), 151 bgs.
Honey (W.I.), 639 cks. 35 brls.
Oils, essential: (Holl.) 12 cs., (Ch.) 50 cs., (Sp.) 19 cs. 7 drms., (Sic.) 186 pkgs. 10 cs., (U.S.) 5 cs.
Bergamot (It.), 4 cs.
Cananga (Holl.), 5 drms.
Cinnamon (Seych. Is.), 13 cs.
Citronella, (Cey.) 9 drms., (Holl.) 21 cs.
Clove (Seych. Is.), 3 cs.
Geranium (Fr.), 9 cs.
Jasmin (Fr.), 2 cs.
Juniper (Sp.), 3 drms.
Lavender (Sp.), 3 brls.
Lemon (It.), 130 cs. 40 × ½ cs.
Linaloe, (Fr.) 5 cs., (U.S.) 9 cs.
Mint (Jp.), 600 cs.
Neroli (Fr.), 1 cs.
Oils, essential (*contd.*)—
Orange, (Sp.) 9 cs., (It.) 7 cs., (Fr.) 3 cs.
Petitgrain (U.S.), 5 cs.
Rose (Fr.), 1 cs.
Rosemary (Sp.), 7 drms.
Sandalwood (Ind.), 68 cs.
Turpentine, (Fr.) 300 cks., (Swe.) 42 brls., (Antw.) 250 brls., (Danz.) 298 cks.
Oils, fixed: ground-nut (Ch.), 1,000 cs.; rape (Jp.), 6,000 cs.; soya (Ch.), 51,000 cs. 145 drms.; tea (Ch.), 1,000 cs. 50 cks.
Petroleum jelly (U.S.), 190 brls.
Seeds: anise (Sp.), 50 bgs.: anise, star (Ch.), 160 cs.; canary (Sp.), 410 bgs.; caraway (Moroc.), 238 bgs.; cashew nuts (E.I.), 348 cs.; castor (S. Amer.), 1,667 bgs.; coriander (Moroc.), 1,071 bgs.; cumin (Moroc.), 92 bgs.; fenugreek (Moroc.), 119 bgs.; lin (E.I.), 11,602 bgs. 5,486 tons; millet (Moroc.), 315 bgs.; sesame (Ch.), 8,200 bgs.
Spices: cassia (Ch.), 2,500 cs.; cinnamon (Cey.), 100 bls.; cloves (P'nang), 30 cs.; ginger, (W.I.) 30 bgs., (E.I.) 444 bgs. 114 cs.; nutmegs (P'nang), 57 cs.; pepper (E.I.), 1,277 bgs.; pimento (W.I.), 851 bgs.
Waxes: (Germ.) 268 bgs., (Moroc.) 13 bgs.; bees' (Alex.), 40 bgs.
Carnauba (Bahia), 168 bgs.
Paraffin (U.S.), 1,058 brls.

Liverpool

(June 1 to 7).

Chemical products, etc.: (N.Y.), 51 pkgs.
Acetic acid (Port.), 4 cs.
Barytes, (Antw.) 400 bgs., (Holl.) 160 brls.
Betanaphthol (U.S.), 16 brls. 86 cs.
Calc. acet., (St. John) 331 bgs., (U.S.) 5,569 bgs.
Calc. sulph. (Sp.), 600 bgs.
Oxalic acid (Holl.), 22 cks.
Ferrum redact. (Swe.), 5 cs.
Pot. bichrom. (N.Y.), 30 cks.
Pot. chlorate (Antw.), 200 kgs.
Pot. sulph. (Holl.), 1,300 bgs.
Sal ammoniac (Antw.), 60 cs.
Soda caustic (N.Y.), 1,126 drms.
Soda nit. (S. Amer.), 157,265 bgs.
Soda sulph. (N.Y.), 119 brls.
Tartar (N.Y.), 15 bgs.
Drugs, crude, etc.: Chlorophyll (Holl.), 4 cs.
Cinchona (Amst.), 38 cs.
Condurango (Colon), 131 bls.
Ergot (Swe.), 2 cs.
Ipecacuanha (Rio), 50 bgs.
Kola (W. Af.), 83 bgs.
Sarsaparilla (Colon), 23 bls.
Witch hazel (U.S.), 2 brls.
Gums, resins, etc.: 24 cs. 360 bgs.; copal (Antw.), 10 bgs.; resin (S. Amer.), 38 brls.
Honey (S. Amer.), 292 brls.
Palm oil (W. Af.), 8,143 cks. 676 hhds.
Seeds: canary (S. Amer.), 5,140 bgs.; caraway (Amst.), 200 bls.; castor (S. Amer.), 5,270 bgs.; cotton (S. Amer.), 35,160 bgs.; ground-nuts (S. Amer.), 7,280 bgs.; palm-kernels (W. Af.), 10,811 bgs.
Wax, paraffin (N.Y.), 815 brls.

Hull

(May 27).

Pot. prnss. (Holl.), 7 cks.; seeds: castor (Antw.), 4,122 bgs.; cotton (E.I.), 52,252 bgs.; lin, (E.I.) 19,619 bgs., (R. Plate) 198,320 bgs.; rape, (W.I.) 16,109 bgs., (Belg.) 5,180 bgs.; turpentine (Fr.), 25 cks.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

The Dangerous Drugs Bill.

Sir,—"If you want to go to hell, why should I stop you?" If you like a little opium for your sore stomach, or a drop of cocaine solution to ease your eye pain, or a dose of aspirin to cure your headache; yea, even a little wine for your stomach's sake or simply because you like it—if you use tobacco or cigarettes to soothe your nerves, or a spot of strychnine to buck you up, or a dose of bromide to calm you down—why should you not have it? What is the use of liberty if you cannot use it? I don't like St. Augustine. He seems a little too self-righteous for a gentleman of his experience with the frail beauties of Carthage—but he is obviously in the right when he denounces the Manicheans. These people, you remember, were the Pecksniffs, the Podsnaps, and the prohibitionists of the day. If there was anything that seemed to make life worth living for you, they denounced it as iniquitous, immoral, and intolerable. Superior as he thinks himself to our mediæval prepossessions, there is quite a lot of this Manichean mentality about the present-day social reformer. He seeks to deprive us of our beer and our tobacco, and now he endeavours to keep us from getting whatever comfort we can from anodynes or analgesics. This is a diatribe against the Dangerous Drugs Bill, and is written from the point of view of a practitioner in close touch with poor pained humanity early every morning and late every night and all along the weary day—the weary day only rendered a little less wearisome when one finds betimes that he can do a little to alleviate suffering. I am tempted to say that the only place where the ideal of liberty still exists is in Britain, and that this Dangerous Drugs Bill is a blow at the last Holy of Holies. One knows that this odious Bill is the result of an international agreement and is in some sense thrust upon us, but the plea that oppression is the result of international action only increases its offensiveness. Formerly tyranny invoked for its sanction the sacred name of religion; now crimes against liberty are committed on the specious plea of science. At the moment the two greatest tyrannies in the world are the International Anti-cholera Board in Egypt and the International Health Board of the Panama Canal. There may be a necessity for the aristocratic sweeping away of human liberty exercised by such boards, they may be justified by the results; but let us not forget the price of them—the loss of liberty—and the price will often be paid without adequate return. I am trying to show that there is now no reason for the regulations against opium, cocaine, phenacetin, etc., which prevailed during the war under the Defence of the Realm Act, and which this Bill in practice seeks to perpetuate. I submit that the sick or ailing person is entitled to the solace or relief which such drugs may give. I suggest that he should have them prescribed and dispensed for him under conditions which make such relief reasonably easy and not difficult and costly to obtain. I am certain that where regulations and difficulties are multiplied the poor will suffer either loss or expense, the rich man need be troubled about neither. Was it Sardou who wrote that French romance depicting to what a miserable pass mankind would come if they let doctors and faddists dictate what they should do and what leave undone? Anyhow, it is time to rid ourselves of cant—the cant of quasi-scientific hygiene. Length of days is not the only, not the greatest good. Better fifty years of comfort than a cycle of restrictions. There is no such thing as absolute good or absolute bad. It is no sound argument against the use of opium that a few degenerates out of forty million people abuse it. Let us remember that the abnormal individual will give play to his abnormality—if not as a drug-taker, then as a drunkard; if not at one form of vice, then at another. Ten just men would have saved Sodom—will not 99 per cent. of sane men save Britain for its normal enjoyment of useful things? We, inferior in many virtues to the Chinese, got infected with a loathsome, mid-Victorian, pharisaical idea that they are all addicted to a terrible vice of opium-smoking; their Government in an evil moment was tempted by some wicked spirit to think that the Chinese can become like to the gods if only they give up opium-smoking. We have to humour them, and not only prevent them from getting opium (their only comfort on earth) but deprive ourselves of it also. Let us not forget that the test whereby we must judge whether the use of any drugs shall be tolerated is not, is it subject to abuse; has it done any harm? but on the whole is the sum total of the benefits and advantages greater than that of the drawbacks and defects? I submit that we ought to make this Dangerous Drugs Bill less onerous and absurd, less hurtful to the ordinary sick man.

Yours truly,

Dublin. J. C. McWalter, M.D., F.L.S.

Pharmacy Teachers' Remuneration.

Sir,—During the past twelve months there has come into the purview of pharmacy a new field of labour. In almost every large city the chief college or technical school has opened, or is preparing to open, a department of pharmacy, with a trained man at its head, and with all that can be desired for real education in the art at his call for use. But already the onlooker can see a dangerous rift in the lute, a note of coming discord in the sweet harmony of scientific pharmaceutical education. It is well to speak ere it is too late. What exactly should be the duties of a "Principal of the Pharmacy Department" of our modern training centre? And what should be the basis of his remuneration? So far as one can judge, there has been but little except the follow-my-leader principle shown in positions advertised up to the present. And it is because of two, seen advertised in juxtaposition during the last week, that this appears in print. Post No. 1 is for the Heriot-Watt College, Edinburgh, and it seems to be a post of which the holder could be very proud. The remuneration offered, too, is a very fair offer for the knowledge required, being 500*l.* after a term of service. For another vacant post, also advertised, for the pharmacy lecturer at the Rutherford College, Newcastle-on-Tyne, there is offered a salary of 350*l.* Presumably that is intended to mean that there will be no increases or additions by way of "bonus" or by any other way. And the College Council want for the job a man who "should have passed the Major examination of the Pharmaceutical Society, have good experience in general pharmacy and chemistry, be able to teach botany, and to assist in chemistry." In effect, the gentleman here required is to assist in perpetuating the "bad old way" of one-man teaching. No mention of physics is made, true; but if he is to take chemistry and botany, as well as pharmacy, is it too much to expect that physics will enter his purview? No, the will have to be a sort of League of Teachers if the professional life is to be worth living and loving. No man can make himself so thoroughly conversant with his work that, knowing it absolutely "from A to Izzard," he can lecture upon it in a way that proves fascinating to his audience if that work involves all the subjects that comprise the examination syllabus. Work in those circumstances becomes just a parrot repetition of the "things you have to know"; these are not made to live and grow before the student's eyes, and so impress themselves upon his real knowledge and understanding. Views of your readers would be very interesting on this matter. Do they approve of the one-man-for-everything system or are they going to insist that their representatives see to it that pure pharmacy is taught by the pharmacist head of the department, whatever the school may be? And surely a variation of some 40 per cent. between the salaries offered in two cities, almost next door to each other, is too great. Why is it? And, supposing your son were ready to enter college now, on the strength of the above

where would you send him—Heriot-Watt, Edinburgh, or Rutherford, Newcastle-upon-Tyne? I think I know!

Faithfully yours,

KENNETH S. DICKINSON.

Wages in the Drug-trade.

SIR,—I am glad to learn that my letter (*C. & D.*, June 5, p. 92) has afforded "Anglo" some little amusement. I am afraid, however, that he has missed its full purport, since his conclusions arrive at the same goal, though by a more roundabout route. He and I agree that wages are not what they should be (both for employer and employé), and that chemists cannot, under present conditions pay higher rates. So far so good. Now concerning his reference to the 850*l.* business. I think this sum for a concern capable of yielding the owner 4*l.* 10*s.* per week is absurd. Such a concern is not a business, but a charitable institution. "Anglo" also states that in the South of England 3*l.* 10*s.* to 4*l.* is considered "excellent remuneration" for the qualified man. Such a statement "would be humorous if it were not so pathetic." I am fully aware of the existence of the Profiteering Act and of the practically non-existent profit on many patents, but can "Anglo" not perceive that if chemists united and agreed on a minimum scale of wages they would be using a conclusive argument in securing better profits? I presume he is aware of the Government's purpose in setting up Trade Boards, and surely it is better for employer and employé to come to a mutual understanding rather than to let Government departments decide. I happen to be interested in both sides of the question of wages, but I could point out that employés are not out to reduce the employers' incomes, but to work hand-in-hand, and so obtain better conditions for each. Perhaps in no other calling are so many employés prospective employers. If "Anglo" will take the trouble to read again my letter of June 5 he will, I am sure, agree that 7*l.* is but a nominal salary for a qualified man (employer's income would be correspondingly higher), and the fact that the *C. & D.* has quoted this figure (which is value for little more than 3*l.* pre-war) lends weight to my assertion. Let me thank "Anglo" for his well-meaning advice, which I can assure him is quite unnecessary. I am neither in the clouds nor dreaming, but am very much on this earth.

Yours truly,

SCOTUS. (14/6.)

SIR,—The letter signed "Anglo" (*C. & D.*, June 12, p. 75) ignores the causes that have led to the demand for increased salaries. One of the principal of these is the increased cost of foodstuffs and other necessities—rent, clothes, coal, rates, etc., to mention but a few. The official estimate of the increased cost of living admits that it is 145 per cent. above the pre-war cost; therefore it requires 245*l.* at the present time to purchase 100*l.* worth of goods of pre-war value. Now in 1913 it was quite easy for a qualified man to get 3*l.* a week and house, rent free; so that, if his wages have kept pace with the increased cost of living, he should be getting 7*l.* 10*s.* per week. "Scotus's" 7*l.*, therefore, is not by any means an unattainable figure. It would not be at all difficult to find other traders paying salaries substantially higher than the "excellent salaries" mentioned as being paid in the South of England. It would have been better had your correspondent stated whether the assistants are qualified or not, then one could better have dealt with the figures mentioned. Salaries are far too low in the drug-trade at present, and one can only put this down to the fact that overcrowding has taken place, largely as the result of the facilities given, at the public expense, to men to qualify. There was also a Government scheme to teach the trade to ex-soldiers, in which, if I remember rightly, the first year's pay was fixed about 52*s.* 6*d.* per week, and the second year's at 67*s.* 6*d.* per week. Fancy paying a second-year apprentice 3*l.* 7*s.* 6*d.* per week! This was surely "excellent remuneration." What does "Anglo" think of it? With regard to the business costing 850*l.*, and showing only an income of 4*l.* 10*s.* per week therefrom, the information is too vague to allow of any discussion. It is surely up to the purchaser to double the income, without necessarily doubling the turnover. Some men will make money where others will lose it. That is what so few pharmacists do not realise. They will offer 4*l.* 10*s.* to a manager, but if they get the man he will be cheap at 7*l.* A case of the kind was reported to me only the other day. A man paid a low wage; he got the man he paid for; the business did not pay, and was sold. Since the sale the business has developed, and now the former owner regrets he did not pay a good wage for a good man to run his shop. Judging by evidence before Profiteering Committees, the talk of small profits before the war was all moonshine. Patents, again, being mostly sold at face value, show better profits than they did in the pre-war "cutting" times. It seems to me "Anglo" blames everybody but the right persons for the present conditions of the drug-trade. Who is responsible for handling goods that don't pay?—the retailer? Again, whose fault is it that insurance dispensing is not a paying proposition? Again, the retailer, *i.e.*, the chemist! "Anglo" must learn that "unity is strength," and such unity is necessary to compel manufacturers to market their goods at profit-bearing rates, and also to compel the Government to pay for services rendered. Unity is not only a necessity for the underpaid worker (who should be "worthy of his hire"), but for his employer also.

Yours faithfully,

FAIR PLAY. (15/6.)

SIR,—I think "Anglo," in his reply to "Scotus," has hit the nail on the head, and the latter part of his letter contains a very good and sufficient reason why salaries in the drug-trade are not likely—speaking generally—to rise to the figure mentioned by "Scotus"; and in this connection I suggest to employers generally that they should not be bluffed into agreeing too readily to any so-called "adopted" scales of salaries which may be, and are being, put forward. From careful inquiries in several large towns I can find no evidence that these scales have been, or are likely to be, adopted, excepting in the minds of those who would like to see them in force. A particularly objectionable feature of these suggested scales is, I think, the automatic annual increase of salary for age, apart from merit. The only result of such a condition would be the gradual elimination of the middle-aged. It is absurd to argue that because a man is forty years old he is worth 30*s.* a week more than a man of twenty-five; he may be, and, if so, he will doubtless get it; but if not, what then? He will be unemployable on the compulsory scale of wage for age.

Yours faithfully,

FESTINA LENTE. (14/6.)

East Anglia Representation.

SIR,—It would be somewhat discourteous on my part not to reply to your correspondent "East Anglian Pharmacist," although I think his inquiry is somewhat superfluous if he has any conception of the practical meaning of the words "territorial representation." By this I mean, of course, representation of the associations territorially federated. In this respect East Anglia is certainly not at present represented, and I repeat that I have strong hopes that the nominees of the several federated areas will by co-operative understanding between such areas secure election on the Pharmaceutical Council, and thereby constitute living links between that body and their territorial constituents.—Yours faithfully,

Southend-on-Sea. SYDNEY F. BODY.

The Administration of Iodine.

SIR,—With reference to the recent correspondence in your columns *re* the administration of free iodine: I have experimented recently for a doctor desiring to exhibit fairly large doses, and find that the difficulty of diluting for administration the French Codex tincture (*i.e.* the immediate precipitation of free iodine) can be overcome by using in its place glycerinum iodi (1-60). The prescribed dose, immediately before taking, should be diluted with an equal quantity of water, which gives, but only temporarily, a perfectly clear solution. Administered thus, six grains of iodine per day has been tolerated.

Yours faithfully,

Crawley. H. J. SADLER.

Legal Queries.

A. W. (9/6).—The neuralgia tincture requires to be stamped. It cannot be sold as a "known, admitted and approved remedy" unless an adequate disclosure is made on the label or a reference given to the published formula.

X Y Z. (12/6).—The Poisons and Pharmacy Act, 1908, requires that the superintendent of a limited company shall be a registered chemist if the company keeps, retails, or dispenses poisons. The sale of drugs and chemicals which are not included in the poisons schedule is not limited to qualified chemists. It is the company that is liable to prosecution under the Sale of Food and Drugs Acts for selling drugs not up to standards.

J. W. T. (7/6) holds a credit note against a man who died recently and whose will has just been proved. How should "J. W. T." proceed in order to obtain payment of the amount due to him; and should not the amount have been paid before the will was proved? [The claim should be sent to the deceased's executors, who are responsible for the payment of debts. On the other hand, the authority of the executors to pay money out of the estate did not arise until after the will had been proved, and they were, therefore, not liable to pay "J. W. T." before.]

J. B. (9/6) is engaged as manager of a chemist's business under an agreement which is terminable upon one month's notice on either side. He has occupied the position for nearly a year, and asks whether he is entitled to a holiday, with pay, of a fortnight, or of a period equivalent to one day in respect of each month served? [Unless the agreement provides for a holiday the employer is not under any legal obligation to allow "J. B." to take one, since there is not, so far as we are aware, any custom, recognised by the Courts, which entitles a chemist's manager to claim a holiday.]

X (12/6) lent 500*l.* upon a mortgage of freehold property in 1901. The rate of interest was originally 4 per cent., but this was increased to 5 per cent. in 1910. Is he entitled to increase the interest to 6 per cent., or to require the mortgagor to pay the interest at 5 per cent. in full, without deduction of income tax? [If the mortgaged property consists of a dwelling-house, and neither the annual rent in August 1914 nor the rateable value exceeds 70*l.* if in London, 60*l.* if in Scotland, or 52*l.* if elsewhere, then the mortgage interest cannot, at present, be increased beyond 5 per cent. An increase may, however, be permissible when the Bill now before Parliament becomes law. If the property mortgaged is not of the nature in question the rate of interest may be increased subject to any special terms in the mortgage deed. In any case "X" cannot insist upon payment of the interest without deduction of income tax. He can, however, require the mortgagor to furnish him with a certificate showing that the tax has been deducted and use it in support of any claim to repayment of tax which he may be entitled to make.]

T. B. I. (8/6) has recently bought a house which is let at an annual rent of 12*l.* The tenant has been given a month's notice terminating his tenancy, but declines to leave. What must "T. B. I." do in order to obtain possession of the premises; and what is the maximum rent he is entitled to recover so long as the tenant remains in occupation? [Before any question of increasing the rent or ejecting the tenant can arise the tenancy must be terminated in accordance with its terms. Assuming that the requisite notice terminating the tenancy has been given, and the tenant refuses to vacate the premises, it is open to "T. B. I." to apply to the Court for an order giving him possession. It is, however, very unlikely that the Court would make such an order unless alternative accommodation in the district is available for the tenant. With regard to rent, the only increase which can at present be made is in respect of structural improvements, if any, or in respect of higher rates, if they are paid by the landlord. The right to increase the rent may, however, be improved when the Bill now before the House of Commons becomes law.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Shampoo (16/5).—See *C. & D.*, 1919, p. 528, or "Pharmaceutical Formulas."

A. A. (2/6).—(1) Influenza and Cold Mixture.—The following is the formula bearing the reference number you mention:

Ac. citric.	ʒx.
Potass. bicarb.	ʒiss.
Sp. vini rect.	ʒv. ɱxv.
Chloroformi	ɱxlv.
Tr. camph. co. sine anisi ...	ʒiss.
Tr. aconiti (B.P. '85) ...	ʒiiss.
Vin. ipecac.	ʒvj.
Aq. dest. ad	ʒxxxvj.

Dose: ʒss.-ʒj.

(2) Fever Cure:

Ac. nitrici	ɱcl.
Ac. hydrobrom.	ʒij.
Aq. menth. pip.	ʒij.
Glycerin	ʒiiss.
Aq. ad	ʒxl.

(3) The skin trouble should be correctly diagnosed before definite treatment is begun. A lotion of liq. plumbi seems to be indicated for allaying the irritation, but if the trouble is of nervous origin, as you surmise, an internal remedy will be needed.

F. C. G. (Vancouver). (22/3.)—Para-dichlorbenzene was recommended as an insecticide by A. B. Duckett in a bulletin of the United States Department of Agriculture published in 1915. Para-dichlorbenzene yields a heavy vapour with an ethereal odour, and, although harmless to man, animals, plants, and fruits, is fatal to a large variety of insects, both in the adult and larval state. This fumigant is best applied in a confined space such as a cupboard or room, the amount required is from 12 to 16 oz. per 100 cubic feet of space and the time needed is twenty-four to thirty-six hours. It is non-inflammable and cheap.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," June 15, 1870

Dispensing Counter Competition.

In view of the present agitation respecting the dispensing and storage of poisons, and considering that it will be well during the next twelve months that all the latent wisdom of the trade should be brought to bear on the discussion the proprietors of this journal have decided to offer a prize for the best design which shall be sent them in the course of the next two months for a dispensing counter. Next month we shall announce definitely the prize that will be given, and we hope, also, to be in a position to mention the names of one or two eminent chemists and druggists who will favour us with their judgment on the designs sent to us. In the meantime, if any intending competitors wish for further information, we shall be glad to hear from them, and in our next will endeavour to reply to all. The competition is open to everyone, and we hope that both chemists and professional shop-fitters will manifest an interest in this novel feature of our journal. We shall lithograph the successful design and publish it in the same style as our portraits, so that, as our readers will perceive, the winner will, besides gaining the prize, become the possessor of a valuable piece of property by simply registering the design. The drawings must be on a scale suitable for the size we have indicated, and in each case should be accompanied with a written description as concise and clear as possible. It is requested that a distinctive motto be attached to each design, and the same motto repeated in a separate envelope, which shall contain also the name and address of the competitor.

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	Allen & Hanburys' Preparations:		doz.
1/-	"Mycetol" (Lysol, A & H.), 4 oz.	1/-	9/-
1/9	,, ,, 8 oz.	1/9	15/9
3/-	,, ,, 16 oz.	3/-	27/-
5/-	,, ,, 32 oz.	5/-	45/-
2/6	Bronnley's Ess Viotto, No. 1	2/6	20/-
4/9	,, ,, No. 2	4/9	38/-
6/9	,, ,, No. 3	6/9	54/-
1/-	Browning's Deterzine ...	1/-	8/-
1/9	,, ,, ...	1/9	14/-
2/-	Milton, approx. 8 oz. ...	2/-	17/6
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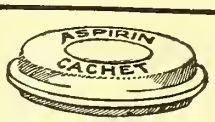
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2/6	**Bronnley's Ess Viotto,** No. 1	2/6	20/-
4/9	,, ,,	No. 2 4/9	38/-
6/9	,, ,,	No. 3 6/9	54/-
1/-	**Browning's Deterzine** ...	1/-	8/-
1/9	,, ,, ...	1/9	14/-
2/-	**Milton,** approx. 8 oz. ...	2/-	17/6
3/6	,, ,, 20 oz. ...	3/6	29/- each.
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Antipyrin. gr. 5
Barbitone gr. 5
Bismuth Carb.
Bismuth Subnit.
Bismuth Carb. & Sodii Bicarb.
Bismuthated Magnesia
Bismuth, Sodii Bicarb. and Zingib.
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Blaud et Aloin
Blaud, Arsen., Strychnine
Caffein. Cit.
Caffein., Antipyrin.
Calcium Lactate
Calc. Sulph. (pink complexion tablets)
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Cascara Sag.
Chemical Food
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Ergotin
Ergotin -Co. (chocolate coated)
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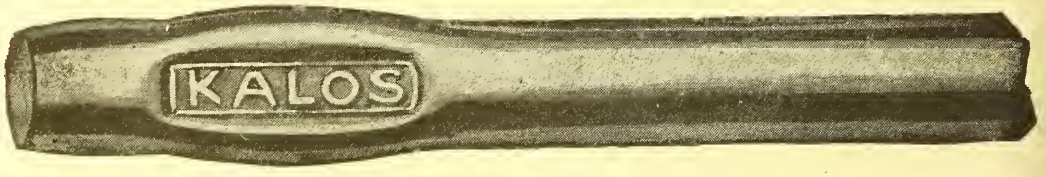
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Cream of Tartar 99%	P.B. 3/- "	Sodii Salicyl	P.B. 4/9 "
Acid Citric	P.B. 6/- "	Camomile Flowers	2/- lb.
Magnes. Carb. Pond.	P.B. 1/3 "	Senna Pods	10d. "
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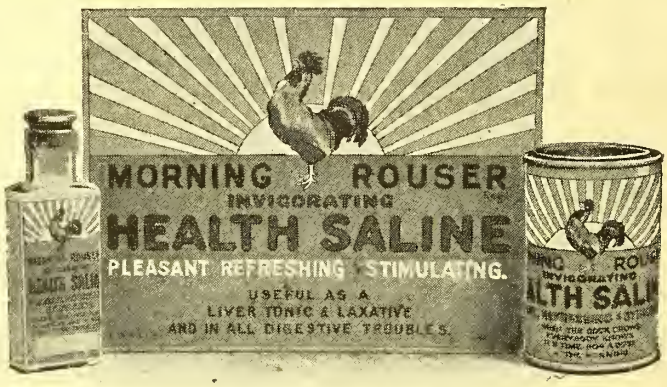
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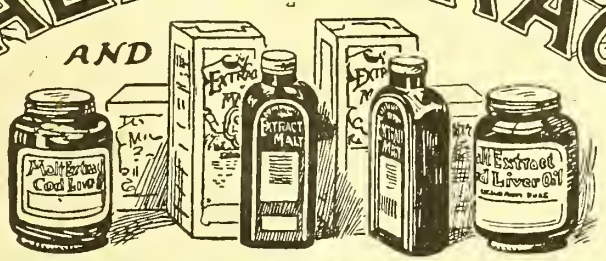
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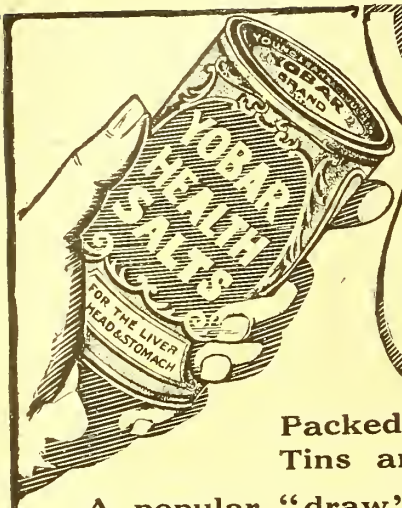
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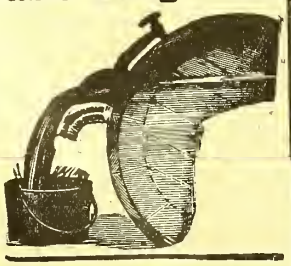
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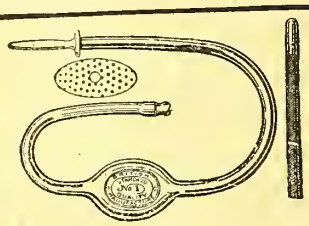
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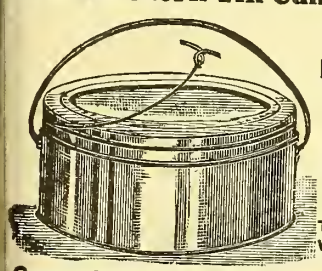
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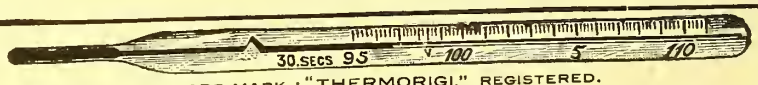
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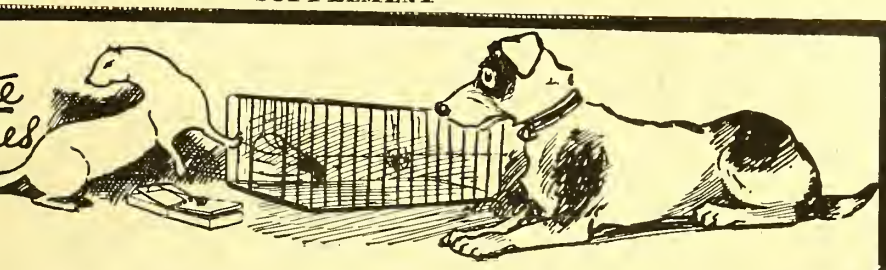
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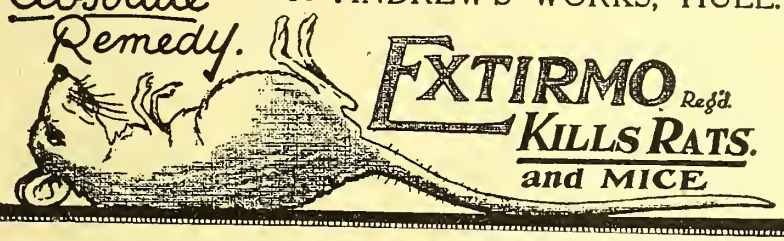


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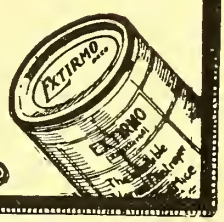
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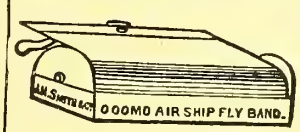
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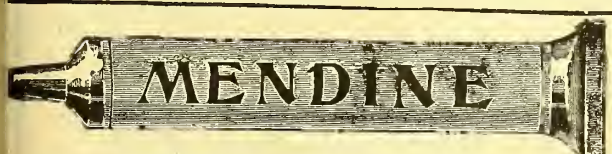
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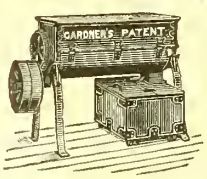
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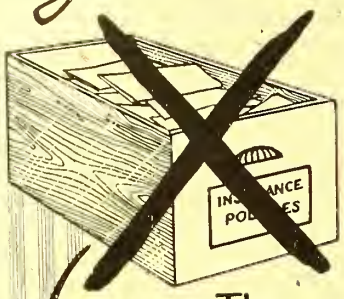
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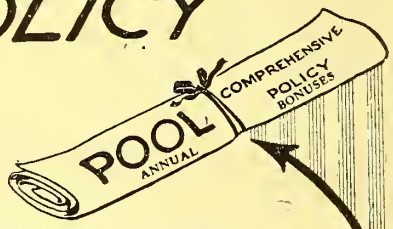
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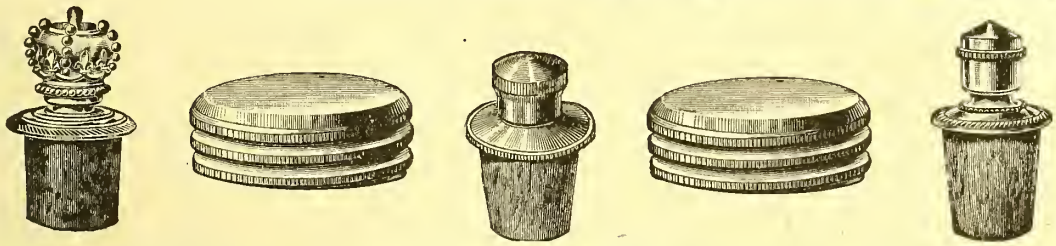
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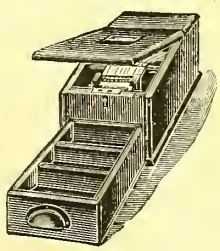
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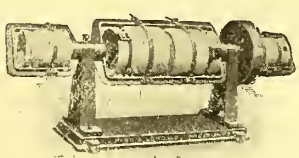
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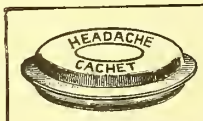
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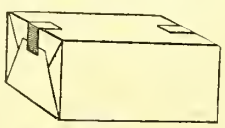
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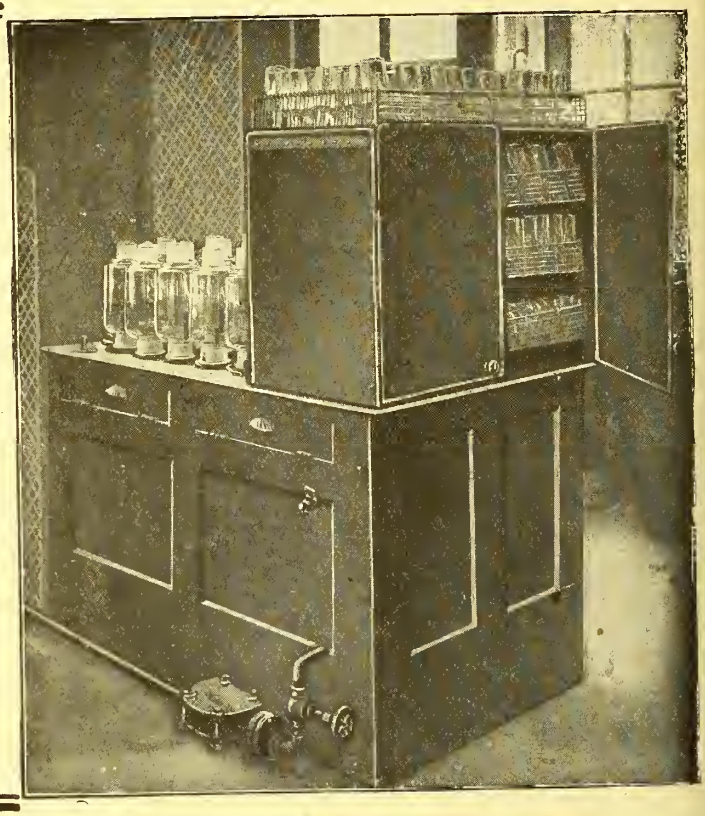
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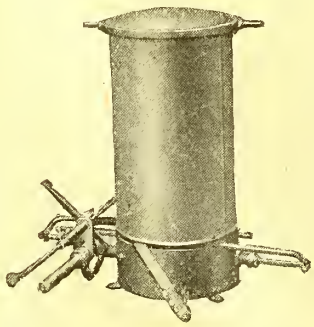
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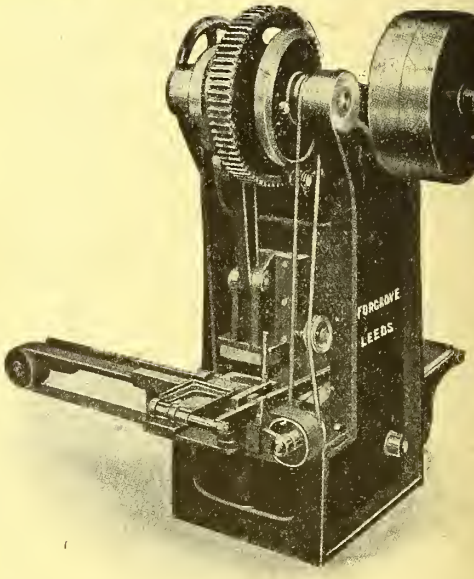
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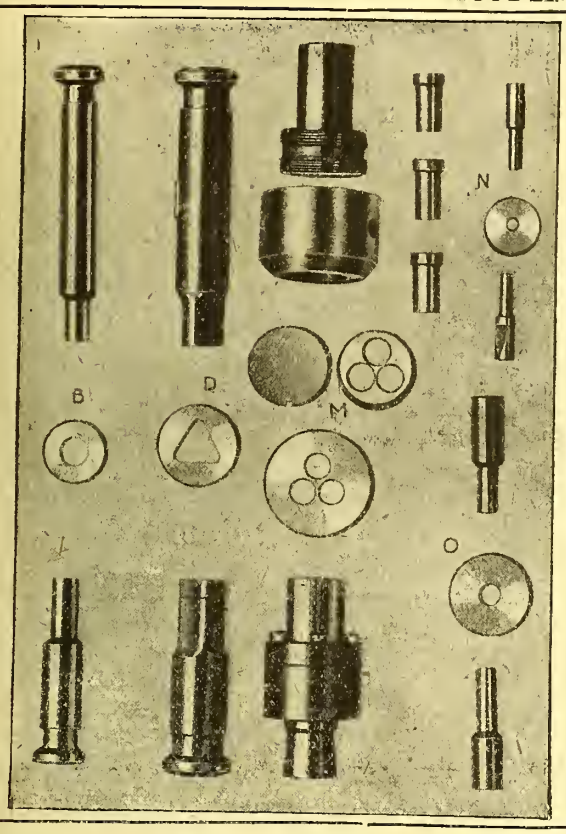
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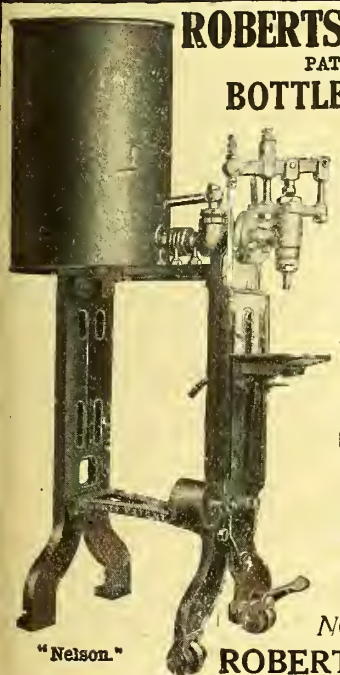
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Dear Sir,
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Yours truly, J. MILLING,
Proprietor of J. McGuffie & Co.

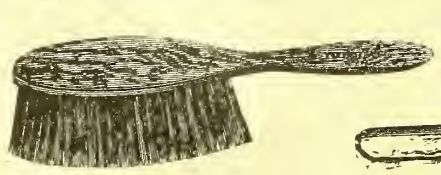
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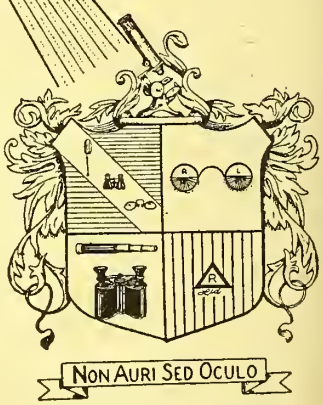
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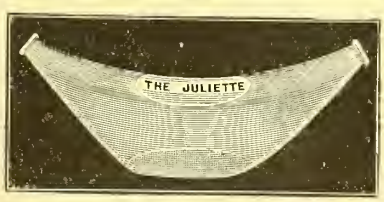
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LIMES	Green, 1, and 4 oz.
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THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST. LONDON, E.C.4.

JUNE 19, 1920

This Supplement is inserted in every copy of The Chemist & Druggist

NEXT WEEK

being the Annual Special Issue, this Supplement must be put to Press earlier than usual. To ensure insertion in the issue of June 26, therefore, all small advertisements should reach this Office not later than

WEDNESDAY, JUNE 23.

Any Announcements received later will be held over until the issue of the following week (July 3).

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No. 1 City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION,

LONDON, W.—Main shopping thoroughfare; ready-money Prescribing, and Dispensing Business; established 1831 eld by vendor 35 years; returns £30 to £40 per week, plus om N.H.I.; rent £70, including residence; lease 14 years; £1,200.

LONDON, N.—Well-established Business, including excellent l connection; returns exceed £2,000 yearly (present rate); oomed house and garden; rent £60; held on lease; terms, nd goodwill £75, stock and fixtures by valuation, or lump- fer would be considered.

LONDON, S.W.—Ready-money Business; returns last year n £1,600 and £1,700; present rate about £2,000; roomy esidence sub-let; 21 years' lease; to effect a speedy transfer, will consider a reasonable offer.

NLAND HEALTH RESORT.—Good-class Business, Retail ispensing; returns £1,000, formerly £3,000; well-fitted nd residence; stock and fixtures estimated at £800; price death cause of sale.

OUTH COAST.—For Disposal, Wholesale Business, return- out £500 monthly; modern factory, two floors; electric moderate rental; held on lease; further details on appli-

ORKS.—Cash Retail Business; present returns about £70 r; scope for development; *net profit* 25%; rent £30; lease granted or premises can be purchased; price £650.

ORTHAMPTONSHIRE.—Brisk Retail Business, situate in arket town; returns at the rate of £3,000 per annum; *fit* 25%; price £2,500.

8.—SOUTHERN WATERING PLACE.—Select Retail and Dispensing Business, situate in one of the leading shopping thoroughfares; gross receipts exceed £4,500, with scope for development; well-fitted shop and large stock; comfortable residence; lease 21 years; price to be agreed equitably.

9.—KENT (Market Town).—Old-established Business, Wholesale and Retail; position good; returns £12,500; a partnership would be considered; or vendor would probably sell the whole.

10.—POPULAR HEALTH RESORT (one hour from Town).—Modern Pharmacy; position unique; returns, under manager, £7,000, increasing; large, well-fitted shop; eleteric light; price £4,800.

11.—HOME COUNTY.—Good-class Retail and Dispensing Business, situate in a good residential town of importance; returns over £2,500, at full prices; terms, goodwill and valuation, or lump-sum offer considered.

12.—GREAT WESTERN MAIN LINE.—Old-established Dispensing Business, embracing select Proprietary trade; vender giving up the Retail; returns £3,600, at full prices; price, to include freehold property, £5,500.

13.—NORTH STAFFS.—General Retail Business; returns exceed £2,500 per annum; books open to investigation; double-fronted shop; low rent; new lease can be obtained; price about £1,500.

14.—INLAND HEALTH RESORT.—Old-established Retail and Dispensing Business; returns between £2,200 and £2,400, increasing; *fair profits obtained*; well fitted and fully stocked; new lease will be granted; price to be agreed.

VALUATIONS FOR STOCKTAKING.

. O. & Co., desire to emphasise the necessity of a periodical Statement of Account, by which means alone Profit, the of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

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ADVERTISER wishes to purchase good-class Business in South of England; coast preferred; doing £2,000-£3,000. Particulars, which will be kept strictly confidential, to "Chemist" (99/130), Office of this Paper.

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GENTLEMAN, qualified Chemist, 33, wishes to purchase a Business; capital available; or would entertain partnership with view to eventually taking over; not particular as to locality providing business is good. Apply "Radix" (99/200), Office of this Paper.

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WANTED, West-End Pharmacy to carry stocks of a first-[class] Depilatory, at present commanding a good sale in [the] East; sole agency on liberal terms granted to suitable Chem[ists] makers prepared to advertise in suitable journals. Write "C. M." (9/5E), Office of this Paper.

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T 2 gross pint Syphons, metal tops, complete, with except- on of a few without tops, also all require washing; name iat offers to 99/8, Office of this Paper.

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HICAL Balance (Gallenkamp) and Weights to 100 grams, 2; Copper Boiler, gas-heated, water-jacketed, on stand, Russel, £20; 1 Copper Coil, £5; Empire Typewriter, Marsh, 41 Newcomen Street, S.E. 1. Hop 1234.

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OVERSTOCKED.—5 doz. Oatine Face Powder, 1s. 4d.; 5 doz. Oatine Snow; 2 gross Oatine Shampoos; 4 doz. Spurway's Eau de Cologne, 4 oz.; 8 doz. Erasmic Face Cream; 7 doz. Vinolia ditto; all unsoiled and in perfect condition. Apply 99/7, Office of this Paper.

PILL Plant; small, power, clean; consists of Mass Mixer, Piping Press, Pill-cutting Machine, and Coating Pan; 1 Chemical Balance (Gallenkamp) and Weights to 100 grams. Apply 23/18M, Office of this Paper.

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AND INABILITY TO RENEW.

REINHARDT & SONS, LTD., 7 Queen Victoria Street, Leeds, offer for Sale the entire costly and up-to-date Mahogany Fixtures and Fittings of this old-established business.

Bent-glass Counter Cases, Mahogany Counter, with glass cases in front; Dispens- ing Fixture, with mirror-backed cases and polished plate-glass shelves; Mahogany- fronted Drawers; Mahogany Wall Cases, with plate-glass doors, all air- and dust- tight; Self-Adding National Cash Register.

Business transferred to branch, 61 York Road, Leeds.

50 GROSS of 2-oz. Amber Screw-capped Jars, fitted with aluminium caps; offers requested. Cuxson, Gerrard & Co., Ltd., Oldbury.

50 GROSS 2½-oz. Kay's Essence Bottles; 26s. gross; carriage forward. Cuxson, Gerrard & Co., Ltd., Oldbury.

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BIRKENHEAD.—Junior, young and energetic, required at once for Dispensing and quick cash business; good Salesman and Window-dresser. Give full particulars of age, height, experience, references, and salary required (outdoors), in first letter, enclosing photo if convenient; good prospects and permanency for the right man. Cooper, 80 Argyle Street, Birkenhead.

BRIGHTON.—Assistant for Light Retail and Dispensing Busi- ness; about 25; outdoors. Please state salary required, age, and experience, to J. Miller, 4 Victoria Road, Brighton.

CHEPSTOW.—Unqualified Assistant; single; outdoors; good Counterman and Dispenser, Photographic; easy hours; no night or Sunday duty. Give full particulars and salary required to Clarke, Chemist, Chepstow.

CLACTON-ON-SEA.—Competent unqualified Assistant (lady, wanted for the season; good Counter Hand, knowledge o Photographic sales essential. Please state experience, age, height, and salary required (outdoors), Mrs. Mann, 4 Pier Avenue, Clacton- on-Sea.

DERBYSHIRE.—Pharmaceutical Chemist requires youth as Im- prover; good chance of extending knowledge of General Chemist's business; healthy country district; easy hours; no Sunday or Bank Holiday duty; outdoors; apprenticeship enter- tained if desired. Usual particulars to Young, Pharmaceutical Chemist, Chapel-en-le-Frith.

LINCOLNSHIRE.—Junior Assistant (male) wanted in Retail Dispensing and Photographic business; easy hours; no Sunday duty; outdoors; state age, salary, experience, and when at liberty. Spyvee, Pharmacist, Sleaford.

LLANDUDNO.—Junior Assistant (lady or gentleman) at once for the season; Light Retail and Dispensing. Apply, giving full particulars, references, and salary required (outdoors), to Mercer, Pharmaceutical Chemist, Llandudno.

LONDON HOSPITAL, WHITECHAPEL ROAD, E. 1.—Dispenser required for a period of six months, possibly permanently; Minor qualification essential; hours 9 to 5, with occasional late duty. Apply personally or by letter to the Pharmaceutist.

LONDON.—Cassie & Co., 49 Newgate Street, E.C., have a vacancy for Assistant; under 25 preferred; must be a good Counterman and experienced in quick, good-class trade; reliable record essential.

LONDON (Near).—Wanted, capable Assistant (gentleman); single; age 23 to 30; outdoors; must be accurate Dispenser and have good experience. Apply, with references and particulars, to 101/7, Office of this Paper.

LONDON, N.—Competent and experienced Assistant, unqualified, male, wanted for quick Counter and Dispensing business. Apply, stating full particulars of experience, references, and salary required (outdoors), to Dow Brothers, 44 Seven Sisters Road, Holloway, N. 7.

LONDON, W.—Wanted, qualified Manager (outdoors) for Counter, Dispensing, and Stock, accustomed to Store trade, with a knowledge of Photography; state age, experience, and salary required. Apply 100/31, Office of this Paper.

LONDON, S.W.—Qualified Assistant, with up-to-date experience, wanted until the end of September; must have excellent references; moderate hours; outdoors; no Sunday duty. Apply, giving full particulars and salary required, to 100/28, Office of this Paper.

MANCHESTER.—Wanted, qualified Manager for Branch; lock-up shop; working-class district; Cash Retail and small N.H.I.; hours 9 a.m. to 8 p.m., with half-day Wednesday. Apply, giving full particulars as to age, experience, salary expected, etc., to W. F. Cuttiford, 193 Langworthy Road, Seedley.

MARGATE.—Competent "early" Assistant, about 28, for good Retail and Dispensing business. Particulars of last two engagements. State height, and salary required (outdoors), to W. M. Rosser, Baily & Co., 2 Ethelbert Terrace, Margate.

NEWQUAY, CORNWALL.—Assistant required for high-class Dispensing and Retail business; must have good references. Apply, giving all particulars, and stating salary required and when disengaged, to Alfred Bond.

ST. GEORGE'S HOSPITAL, S.W. 1.—Dispensary Porter wanted with experience in the making of Stock Ointments, Mixtures, etc.; wages £3 per week (48 hours). Applications to be addressed to the Pharmacist.

SOUTHSEA.—Temporary Assistant wanted, from July 5th to 19th, chiefly for Hospital Dispensing; Hall qualification; lady or gentleman. Apply Arnold & Sons, King's Road, Southsea.

WIGAN.—Junior wanted, energetic and reliable, for busy mixed Retail; little N.H.I.; will gain good experience; another kept; usual hours; no Sunday duty. Full particulars, Hunter, Chemist, Wigan.

WOKING.—Wanted, a capable Dispenser in high-class Pharmacy. Please send full particulars as to experience, salary, etc., to A. Lloyd Davies, Pharmacist, Woking.

YORKSHIRE, WEST RIDING.—Qualified Manager required; single; excellent opening for smart, energetic, young man; state age, when at liberty, and salary required. Apply "H. L." (98/25), Office of this Paper.

ASSISTANT, young, unqualified Junior, for Light Retail and Dispensing: S.W. district; hours 9 till 8; no Sunday; 1 o'clock Thursdays. State salary and usual particulars to 98/27, Office of this Paper.

CAPABLE, experienced Assistant; good Salesman and Counterman; accustomed to high-class Retail Dispensing and Photographic; hours 8.30-7, close 1 Saturdays; no N.H.I. Apply, with full particulars, age, qualifications, experience, and salary, to Harold E. Matthews, Chemist, Clifton, Bristol.

EVENING Assistant used to Dispensing. Apply Long, 190 Stamford Hill, N. 16.

JUNIOR Assistant for good Dispensing and Retail business; good chance for gaining experience. V. J. Woolls, 16 Cecil Square, Margate.

LADY Dispenser required for two weeks from and including 5th July; no Saturday or Sunday work; Thursday evening free; salary £3 per week; Locum accustomed to Institution work preferred; no reply except to applicant chosen. P.C.B. 78/37, Office of this Paper.

LADY Assistant required; permanency; good Retail Counter and Dispensing experience; salary £3 weekly (outdoors). Send full particulars and photo, if convenient, Oldfield, Chemist, Station Road, Westeliff-on-Sea, Essex.

LOCUM, qualified, from July 26th for one month. Apply by letter, stating terms, Hoadley, 173 Half Moon Lane, Herne Hill, S.E. 24.

LOCUM required for three weeks from July 14th; Hospital work; no Sunday duty; dinner provided. Apply, stating terms, to S. W. Joyce, Pinaster, Romsey Road, Winchester, Hants.

MANAGER, qualified (lady or gentleman), energetic and capable, for a lucrative business near City (London) capable of great expansion; small sum to be invested; salary and commission. Apply 97/30, Office of this Paper.

MANAGER for Branch; must be fully qualified; experienced and reliable. Applications, stating age, wage, and references, and experience, with photo, to Committee, Co-operative Society, Middlesbrough.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Plymouth, require a capable Pharmacist; easy hours; good and progressive salary, with excellent prospects; free removal.

PART-TIME Assistant required, if possible for four evenings a week till 8, all day Saturdays, and occasional Sunday duty. Apply, with full particulars and stating approximate salary required, to B. C., 20 New Street, Dorset Square, N.W.

PARKE'S DRUG STORES LIMITED require a qualified man immediately; progressive wage for progressive man; applicant must have good London experience; knowledge of Photography and Optics an advantage. Apply, by letter only, stating age, height, and experience, to 65 Harmood Street, Kentish Town, N.W. 1.

PARKE'S DRUG STORES LIMITED have a vacancy for an unqualified Assistant; applicants must be progressive, energetic, and have a knowledge of Photography; progressive salary given to the right man. Apply by letter, giving full details as to age, height, and experience, to 65 Harmood Street, Kentish Town, N.W. 1.

QUALIFIED Locum wanted from August 7th to 21st in detached full village within 30 miles London; suit gentleman who wants a rest and will give two hours daily in shop in return for full board-residence. Apply "J. H." (P.C.B. 78/22), Office of this Paper.

QUALIFIED lady or gentleman wanted to manage branch near Wolverhampton; nice, quiet business with N.H.I. Apply, giving particulars, wages, etc., first letter, Samuel Shaw, Ltd., Market Place, Bilston.

QUALIFIED Assistant, about the middle of July; young, active, and smart Counterman; able to take charge; good family trade; near London; good prospect for suitable man. Apply, with photo and full particulars, to 101/1, Office of this Paper.

UNQUALIFIED Assistant for brisk store business; thorough knowledge Photographic dealing essential; Window-dressing, good Stockkeeper; no Dispensing or Sunday duty; permanency for suitable man; send particulars (photo if possible) and state salary. Bathe's Drug Stores, 24 Fleet Street, Torquay.

UNQUALIFIED Assistant required at once; Quick Retail and Dispensing. Full particulars, Briggs, Chemist, 126 Street, Walthamstow, E. 17.

WANTED, a good Locum for Midlands for about six or two months from about the third or fourth week in August. Apply 95/39, Office of this Paper.

WANTED, in the West Riding of Yorkshire, Chemist (not necessarily qualified); lady preferred; used to superintend female labour. Apply, giving experience, salary required, etc. 13/13G, Office of this Paper.

WANTED, by a Veterinary Surgeon, Dispenser and Stockkeeper; single; live out; references required. State terms, 43/6W, Office of this Paper.

WANTED, an Assistant; outdoors; one used to first-class Dispensing and Retail. Apply, giving full particulars as to experience, height, age, and salary required (with photo, if convenient), 101/16, Office of this Paper.

WHOLESALE.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

S. WALES and West of England.—A well-established Pharmaceutical house of high repute require a Representative residing in Bristol district, to take charge of this territory; only high-grade men with an established connection among Pharmacists and Doctors in this area will be considered. Applications, with full particulars of past experience, salary required, etc., to be forwarded to F. (3/30B), Office of this Paper.

CHEMICAL and Scientific Apparatus.—Wanted, an Assistant with good knowledge of above, for putting up orders, visiting customers, and keeping stock. Apply by letter, stating age, experience, and wage, to "Apparatus," Brady & Martin, 1 Northumberland Road, Newcastle-upon-Tyne.

CHEMICALS.—London Merchants have vacancy for Manager Chemical Department; excellent opening for one with experience in merchanting Chemicals, as well as good knowledge first-class sources of supply, and who can introduce fresh business besides developing existing connections on a profit-sharing basis. Write, full particulars, experience, age, and remuneration required, to "Solidity," c/o J. W. Vickers & Co., Ltd., 5 New Lane, E.C. 4.

OUNTERMAN wanted for Fine Chemical trade, Wholesale; City house; state age, experience, and salary required. ply 14/17H, Office of this Paper.

RUGGISTS' (Wholesale) Charge Hand, for Wet and Dry Counter, wanted at once. Apply at Apothecaries' Hall, ter Lane, Queen Victoria Street, E.C. 4.

ALE Assistant for invoice and statistical department of London . Manufacturing Chemists; age about 20; progressive post; those accurate at figures, and with good knowledge of the le need apply, stating full particulars and salary required. ly 14/15H, Office of this Paper.

EPRESENTATIVE.—Exceptional terms offered to Salesman with live connection by high-class Perfumery manufac- rs; well supported by advertising. Apply 89/4, Office of this per.

EPRESENTATIVE wanted for North of England, also for Southern Counties; Drugs, Chemicals, Pharmaceutical Pre- ations and Tablets; previous connection essential. Apply by r, giving full particulars and salary required, P.C.B. 78/35, e of this Paper.

EPRESENTATIVE required, a smart, ambitious man, thor- oughly conversant with the Drug trade, to call upon Whole- rs and Manufacturers in the provinces; state experience and ry required; age not over 36 years. 3/29B, Office of this er.

EPRESENTATIVES required for Sale of Dental Preparations, Toilet Soaps, Cordials, Dyes, etc., on commission basis, in lon, Eastern and Home Counties; must have established con- ion among best buyers. Give fullest particulars of other lines ied, age, etc., in strictest confidence, to 99/14, Office of this er.

EPRESENTATIVES, with live connections, wanted for the sale of high-class Medicinal and Toilet goods, including a lar 1s. 3d. Cream; also additional Travellers for dainty ch Puffs and accessories; replies should state territory worked full particulars, which will be treated in strict confidence; al commission and exclusive sales; existing accounts would anded over. Garnett Pickles Preparations Co., Ltd., Crom- House, High Holborn, London.

EQUIRED, a young man to superintend Wholesale Chemical Department; one thoroughly used to Photographic and trade icals; no application will be considered unless age, salary ired, and previous experience is clearly stated. Apply 29/8P, e of this Paper.

AVELLERS wanted on commission basis to sell 1½d. Lemonade Powders; constant repeats after first sale; sole ory given; applicants must have established connection of ble customers. Write London Chemical Co., Nicholson Road, scombe, Croydon.

AVELLERS, side-line, commission basis, connection amongst Chemists, Grocers, Oilmen, Corn Chandlers, for two daily rements; North, Midland, Wales, Home Counties, London. rs Drayton Manufacturing Co., 38 Framfield Road, High- , London, N. 5.

ANTED, by Manufacturing Chemist, young lady as Assistant in the Analytical Laboratory; education and training equiva- to Intermediate B.Sc. or Pharmaceutical Major. Write, ng age and salary required, to 35/18S, Office of this Paper.

ANTED, by well-known Lancashire Wholesale Drug house, a Representative to take over an old-established connection, ng parts of Lancashire, Yorkshire, and North Wales, etc.; pre- experience essential; one who has been brought up in the trade red; good salary and permanency to the right man. Please full particulars in first letter to "Squills," 27/70, Office is Paper.

ANTED (at once), really smart man to represent important Manufacturers of Compressed Tablets and Packed Goods; et, Midland Counties and Yorkshire; must have a strong ction amongst all the best Chemists and have travelled round recently; good salary, expenses, and commission. , in confidence, 43/7W, Office of this Paper.

ANTED, Travellers calling on Chemists in all parts of Eng- land, Scotland, and Wales, to carry a high-class Medicinal uality, having an easy sale amongst Chemists, on a guaranteed r cent. commission basis; small sample only; men who will n materially increase their income. Apply 100/7, Office of aper.

ANTED, by firm of Chemical Merchants, Representative, with thorough knowledge of Drugs, Chemicals, Oils, etc.; one to influence business. Apply, stating age, salary required, xperience, to 47/32, Office of this Paper.

AREHOUSE Manager's Assistant required, at end of June, by a firm of Manufacturing Druggists; must be able to with clerical work; age 25-35; qualified man preferred. stating qualifications, experience, and salary, to 33/16R, of this Paper.

ELL-KNOWN Perfumers require competent Chemist with practical knowledge and thorough experience in manufacture et articles. Apply, stating age, salary required, and fullest , to 33/15R, Office of this Paper.

WELL-KNOWN Provincial house requires Clerk to take charge of the costing, pricing of Patent Medicines and Sundries, and to generally supervise the office; previous experience in similar capacity essential. Apply, giving full particulars, salary, etc., to "Ithei" (27/700), Office of this Paper.

WORKING Forewoman, to supervise bottling and packing of Toilet Articles; must be able to control staff and strict disciplinarian; good timekeeper and quick worker; age 30 to 35; good references essential; state fully wages and experience. Reply to 15/91, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

EAST AFRICA.—Clerk in the Medical Department required by the Government of the East Africa Protectorate, for a tour of 20 to 30 months' continuous residential service, with a possible permanency; salary £150, rising to £250 per annum by annual increments of £25 per annum, and war bonus of £70 for a single man and £120 per annum for a married man; free quarters, passage, and liberal leave in England on full salary. Candidates, single, 22-30, who have served in the R.A.M.C., and have a know- ledge of Medical Dispensing and are able to typewrite, should apply by letter, stating age, qualifications, and experience, to the Crown Agents for the Colonies, 4 Millbank, London, S.W. 1, quoting M/9848.

RHODESIA.—Optician-Chemist.—A good man wanted, preferably with diploma, young, single, for Rhodesia; furnished room found; £360 first year, with annual increase; second-class passage paid throughout journey and home when three years' agreement completed; healthy climate. Applicants give experience, etc., to F. G. Dixon, c/o Keep Bros., 119 London Wall, E.C.

RHODESIA.—An excellent opening for a young, unmarried, qualified man in a good-class Retail; climate healthy; con- ditions agreeable. For further particulars apply to "L.," 14 Lafone Street, S.E. 1

STRAITS SETTLEMENTS.—Young Assistant, unmarried, with Chemist's qualification, a good knowledge of Optics desir- able; four years' agreement; passage paid out and home; salary first year £490; second and third years £525, fourth year £560. Apply 140/34, Office of this Paper.

SITUATIONS WANTED.

[HOME.]

RETAIL.

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

A.A.A.A.A.—Locum or temporary, July onwards; age 28; unqualified; wide experience Dispensing, Prescribing, Extracting, Photography, Stock, Windows, Counter; three years with a Doctor; excellent testi- monials; Doctor, Chemist, or Institution. Apply 97/29, Office of this Paper.

A QUALIFIED Chemist disengaged; Manager or Locum; thoroughly competent; town, country, seaside experience; up-to-date Photography; state salary offered. Apply 99/5, Office of this Paper.

A QUALIFIED Chemist desires any position of trust, Manager or Locum, early in July; held present position for 8½ years. 13 Coniger Road, Parson's Green, S.W. 6.

A QUALIFIED Chemist, as Manager or Locum; good references; experienced and active; disengaged. "Locum," 46 Bridge Street, Hereford.

A SMART, unqualified Assistant (23) requires part-time work with Chemist at seaside; Sunday duty; would arrange hours to suit employer; preferably Worthing or within 50 miles of London. Write Gould, 37 Fairfax Road, Bedford Park, London, W. 4.

AS Locum, permanency; excellent experience and references; moderate terms. "Energetic," c/o Mr. Downing, Romsey, Hants.

AS Manager; qualified; 40; where rooms over or house obtainable; best experience and references. W. R. Yates, 9 Surrey Street, Ryde, I.W.

ASSISTANT, 27, unqualified, high-class Dispensing and Counter, seeks post until October; Photography. Brown, 12 Beech Hill, St. Davids, Exeter.

ASSISTANT lady (Hall), desires temporary or permanent post; seven years experience Counter and Dispensing; knowledge of Photography and Optics; excellent references. "Dispenser," 5 Brading Avenue, Southsea.

ASSISTANT; unqualified; disengaged; Dispensing, Agricultural; capable of taking charge; country preferred. Replies to "Tempus fugit" (99/24), Office of this Paper.

ASSISTANT or Dispenser (unqualified), 34, married, seeks post with Doctor, Chemist, or Institution; experienced; disengaged shortly; highest references. Particulars, etc., 99/28, Office of this Paper.

ASSISTANT; unqualified (27); married; 4 years' apprentice, 3½ years' high-class Retail experience; London, W. or S.W. district. Alford, 167 Nelson Road, Hornsey, N.

ASSISTANT; unqualified; age 25; 6 years' experience high-class Dispensing and Retail, with knowledge of Photography; disengaged. E. G. B., 5 Wellington Street, Redditch, Worcestershire.

BRIGHTON AND HOVE DISTRICT.—Chemist, experienced, is open for Locum work. Write "M.P.S.," c/o Messrs. Cripps & Son, Manufacturing Chemists, D'Avigdor Road, Hove.

CAPABLE, experienced lady Dispenser (Hall qualification) requires Locum work, in Sheffield or district, for July or August. Apply 98/33, Office of this Paper.

CLERICAL.—Evening work of any kind; posting up and accounts; terms moderate. "F. G." (118/31), Office of this Paper.

COMPETENT, unqualified, finest City and West-End experience; expert Window-display (big prizewinner); live Salesman; Photographics; age 33. Best offers to R. W. Jackson, 13 Beverstone Road, Brixton Hill, S.W. 2.

DISENGAGED; unqualified; Locum or permanency; age 47; married; reliable Dispenser; London preferred. Wood, 16 Valmar Road, Camberwell, S.E.

DISENGAGED; qualified; Manager; permanent or Locum; West End preferred; 25 years' London experience. "Chemist," 108b Elgin Avenue, W. 9.

DISPENSER Bookkeeper (lady), Hall, requires post, Doctor, Institution, or Chemist; competent and reliable; six years' experience. "W.," Brynheulog, Dowlais, Glam.

DISPENSER to Chemist or Doctor; unqualified; accurate and careful; good references; age 25. "Rhei," 344 Mare Street, Hackney.

DISPENSER, qualified, disengaged; Locum or permanency; Hospital, Private, and Dispensary experience; good Bookkeeper. "Locum," 49 Whitecross Street, Derby.

EXPERIENCED Assistant, middle-aged, unqualified, seeks Locum or permanency; good appearance and good references; town or country; disengaged. H. P., 3 Wyndham Street, Marylebone Road, W.

FORD Driver disengaged; town or country delivery work; experienced in the Chemist and Drug trade; 16 years' references. T. Fipkin, 40 Ledum Buildings, Bourne Estate, Holborn, E.C. 1.

JUNIOR; age 20; four years' experience; good-class Dispensing preferred. Apply 98/29, Office of this Paper.

JUNIOR (20) requires post, July to mid-September; excellent references; 4 years' experience; good appearance; South Country preferred. Apply 100/23, Office of this Paper.

LADY Dispenser (Hall), two years' experience, requires post with Doctor, Hospital, or Institution; would take Locum work. Allanson, 10 York Gardens, Clifton, Bristol.

LADY, unqualified, desires post with Doctor or Chemist; thoroughly competent and reliable; accustomed to high-class Dispensing and Retail; knowledge of Photography. Apply 98/30, Office of this Paper.

LADY (Hall qualification) requires situation as Dispenser; West-End experience. Apply "D. L. D." (99/30), Office of this Paper.

LADY Dispenser (Hall qualification), 3½ years' experience, desires post immediately with Doctor, Hospital, or Institution; London or near. Apply 101/12, Office of this Paper.

LOCUM; Major qualification; thoroughly experienced; abstainer; well recommended; disengaged August 3rd. Dear, c/o Weatherill, Pharmacist, Chesham, Bucks.

LOCUM; country; qualified; disengaged July 18th to August 1; 53; energetic; first-class references and experience; Photography, Optics. Dewey, Laidlaw's, Chemist, Church Street, Basingstoke.

LOCUM; unqualified; first-class Dispensing experience; excellent references; age 27; Yorkshire preferred. Apply 98/ Office of this Paper.

LOCUM; qualified; single; open until July 30th; Bradford or West Riding, Yorks. Apply 9 Derby Street, Clay Bradford.

LOCUM, unqualified, 10 years' experience, free till end August. P.C.B. 78/31, Office of this Paper.

LOCUM (Hall), experienced; lady; from July onwards; Doctor, Institutions; would accept permanency. "Hall," 49 W Kingstall Road, Fulham, S.W. 6.

LOCUM or temporary for a few months; highly recommended at present disengaged. Allan, 112 St. James Rd, Northampton.

LOCUM, experienced Pharmacist (34), can accept dates from July 12th; series of company shops, Lancs and/or Yorksh would suit; no objection to distance if suitable accommodation found. Parker, M.P.S., 25 Bolderstone Fold, Rochdale.

LOCUM.—Disengaged until July 26th; 25 years' experience in all branches. "Statim," "Abinger," Bournevale Rd, Streatham, S.W. 16.

LOCUM-DISPENSER (Hall), free middle July, two weeks; 4 years' experience. Mrs. Westlake, 110 Lower Richmond Road, Putney.

M.P.S., D.B.O.A., desires post in London; competent Refractionist (objective and subjective); married; good address. Apply 99/6, Office of this Paper.

MANAGER or Senior; Pharmacist; 38; 23 years' first-class experience as Assistant and Manager; no Stores. "Experientia" (101/2), Office of this Paper.

MANAGER, qualified; permanent or Locum; disengaged end June; good references; Midlands, S.E. Coast, and Lond private and stores; practical experience in Photographics. C Furnival, 28 Melrose Avenue, Cricklewood.

MANAGER or Locum; qualified; good all-round experience; references; town or country. Apply 99/36, Office of Paper.

PART-TIME or Locum required by lady, qualified; any capac Wholesale or Retail, etc., in London; now at liberty; experience; best references. Apply 99/15, Office of this Pap

PART-TIME Minor man, certificate, at liberty if requi Pharmacist, 34 Kingsdown Avenue, Northfields, Ealin

PHARMACIST, nine years last position, open for engagem as Manager; married; age 33; has had splendid experi in this country and in India. "Aspirin" (99/201), Office of Paper.

PHARMACIST, married, with long and wide experience in and country, requires permanent Managership; Home C ties or London suburbs preferred. "Fox" (100/13), Offic this Paper.

PHARMACIST, married; long and wide experience; knowl of French; permanency, view to succession, or inv Southern Counties preferred; disengaged end August. "Alp 3 Woodville Avenue, St. Heliers, Jersey.

QUALIFIED; 35; Manager or Senior; London or sub preferred; good London experience; Locum (London) e tained from June 26th. "Manager," 22 Roxburgh Pl Newcastle-on-Tyne.

RELIEF, qualified; not professional Locum; bookings to ber 1st. P.C.B. 78/38, Office of this Paper.

TEMPORARY or permanent; exceptional experience high Dispensing business. B., 9 Hill Park Villas, Sherburn R Torquay.

YOUNG lady, four years' experience seaside town, Cou Photographics, Dispensing, requires post as Assistant. 24 Fleet Street, Torquay.

YOUNG lady, 6 years' experience, requires situation in Lon experienced Stockkeeper; smart appearance; excellent r encs. G. H., 50 Fruen Road, Feltham, Middx.

YOUNG lady, Hall qualification, seeks post during Au month. Apply 101/10, Office of this Paper.

80S. WEEKLY.—Unqualified Manager; 4 years present s tion; increased business 3 times; Prescribing, P graphic, some Optical; aged 50; married; abstainer. Ca 58 Yews Hill Road, Lockwood, Huddersfield.

WHOLESALE.

REPRESENTATIVE would like to hear of good house requiring services of young, energetic man; London districts. 100/6, Office of this Paper.

VERTISER would be pleased to represent a good Drug house in India; nine years' experience in the East; acquainted native bazaars and language. Apply 99/202, Office of this .

VERTISER desires represent Wholesale firm with established connection Liverpool and district; part expenses and com-n. Apply 100/18, Office of this Paper.

Representative.—Gentleman, qualified Chemist and M.P.S., many years' experience of road and excellent record, con-t with routes and customers in West of England and Mid-wishes to represent good Drug or other house, there or ere: reliable and steady worker, with undeniable references. ol" (99/38), Office of this Paper.

MIST desires position as Laboratory Manager; manufac-ure standardised Pharmaceuticals, Tablets, Extracts, es, Bacteriology; excellent references; London or Colonies. 98/9, Office of this Paper.

I.C.O. and M.S.M. preferring outdoor life desires post as Traveller; any line in the trade; salary or commission; rn Counties; 12 years' Retail and five years' Army experi-abstainer. Apply "Tynesider" (99/4), Office of this

ERIENCED Representative, first-class references and ecords, seeks position with high-class house having con-sufficient to guarantee a moderate living and which can reased by work; well up in Toilet Specialities and Soaps, ies, Surgical Dressings, and Chemists' Sundries; ground ed, Southern, Eastern, Home, or Midland Counties. Apply Office of this Paper.

EMAN, 31 years experience, used to control staff of ouths and boys in putting up Proprietary Articles, requires n. "W. W." 121 Asylum Road, Peckham, S.E.

EMAN.—Capable Working Foreman requires situation; 30 ars' experience; knowledge of medical language and signs, , Photographic Goods, Bottles, Surgical Appliances; could ock or act as Salesman. Watford, 59 Downham Road, y, London.

RESENTATIVE, with personal connection amongst hemists and Stores in South London, Kent, Sussex, and ire, desires to represent reputable house. Apply 100/17 f this Paper.

S Manager or Representative.—Advertiser, 31, ex-officer, eks position in either capacity with Wholesale house; for Minor in July. P.C.B. 78/39, Office of this Paper.

O-DATE Pharmacy Proprietors, who are in need of a ive" Salesman (not an automatic machine), who can e and sell the "right" goods should communicate at h the one who also specialises in "window" and "case"; Locum or permanency. "Commercial Pharmacist," 14 e Terrace, Paddington, London, W.

G Widow, experienced, requires situation in Perfumery Chemists and Druggists as Forewoman or any similar; offer good references. M. Busch, 24 Sisters Avenue, c Hill, Clapham Junction, S.W. 11.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

RALIAN COMMONWEALTH.—Chemist, just disposed iness, sailing Australia June 19, desires immediate en-s as Traveller; Drug House, Sundries, Optical House, or "Brisbane, o/o 105 Sandmere Road, Clapham.

MISCELLANEOUS.

10s. for 60 words; 1s. for every additional 10 words or less.

AM & TUCKNISS, Stock and Share Brokers, Bank mbers, Blackheath, S.E. 3. Established 1898. Tele-1 Lee Green.—Shares for Sale (free of commission, sub-5 Allenbury "B" 6% Pf., 16s. 7½d.; 20 Barclay & Evans Lescher Pf., 15s. 6d.; 500 Farrow's Bank, 10s. 9d.; 100 Genatosan 8% Pf., 18s. 10½d.; 1,000 Ord., £300 Idris 4% Deb., £55; 100 "A" 6% Pf. 12s., Ord. 10s.; 300 Ilford 6% Pf., 15s. 10½d.; 1,000 Dairy 7½% Pf., 15s. 9d.; 200 Preserve 8% Pfd. Ord., 13s.—Shares wanted (subject): Allenbury; Camwal; s Lescher Pf., 14s. 4½d.; Wright Layman.—Bankers, unty and Westminster.

FOR Sale, 500 Howards' Quinine Sulphate in 1-oz. phials. Write "M.," 11 St. Mary's Road, Highbury, London, N.

FOR Sale, cheap, to clear, immediately, 10,000 Eau de Cologne Lavender Bottles (greenish), 25,000 Aluminium Tubes, 50 gross Sprinklers, 200 6-litre Bottles. Apply P.C.B. 77/19, Office of this Paper.

FOR Sale, about 5 tons Rice Starch Powder, 80% Starch, ex wharf London; what offers? Z. J. 369, care Deacon's, Leadenhall Street, E.C. 3.

FOR SALE, two or three Mixing Machines; second-hand; perfect order; some suitable for mixing stiff pastes and others for powders or liquids. Further particulars on application to 35/17S, Office of this Paper.

FOR SALE, ½ ton Bromide of Potassium, crystallised; c.i.f. London; delivery about 2 weeks from order; also about 4 cwt. Antifebrin, packed in cases; c.i.f. London. Apply to the Robert Banking Co., Ltd., 265 Strand, W.C. 2.

FOR SALE, considerable quantity Concentrated Fruit Syrups for Soda-Fountain use; best quality; 300 assorted flavours in 1-gall. jars, and 300 × 40-oz. bottles raspberry only; price 13s. per gallon; sugar sweetened. John Picken, 165-7-9 Wood Street, Walthamstow.

GLASS JARS.—50,000 Jars, complete with glass lids, contents 1 to 5 lb., for immediate Sale. Apply L.C.E.S. Ltd., 13 Farringdon Avenue, E.C. 4.

OFFER wanted for about 100 tons of Yellow Primrose Soap 60-62% in twin tablets ex wharf London. Apply 97/28, Office of this Paper.

ONE Earthenware Vat, Doulton, 4′ × 1′ 6″ × 2′, £9 10s., one ditto, 3′ × 2′ × 2′ 6″, repaired, usable, £2 10s.; two oak circular Vats, 2′ 10″ dia. at top, waxed inside, each 25s.; porcelain Trough, 21″ × 10″ × 8″, 10s. 6d.; two lead lined Pickling Vats, two gas heated tanks with burners, two roll-top Desks. Whitfield Aviation, Friars Lane, Richmond, Surrey.

SHOP-FITTINGS, comprising Drug Fitting, 14 feet long, with glass-labelled drug drawers, stock cupboards, lockers, shelving, and poison cupboard; 12-feet mahogany and plate-glass Wall Case; 16-feet mahogany and plate-glass Serving Counter, with sliding doors, Dispensing Screen and Counter; and 6-feet Wall Showcase. Particulars on application, Philip Josephs & Sons, Ltd., 95 Old Street, London, E.C. 1.

TART. Acid; 5 cwt. for Sale; 3s. 8d. per lb., carriage forward; English make; best quality. Apply 100/400, Office of this Paper.

4 CWT. Senna Pods for Sale in 2 cwt. lots, 5½d. lb.; 12 tons Molasses (duty paid), 21s. cwt., casks free, net ex works London. Apply George Clarke, 230 Turney Road, Dulwich, S.E.

EXCHANGE COLUMN.

Twopence per word: Minimum 2s.

FOR DISPOSAL.

DRUGS AND CHEMICALS.

LAWSON'S Rat Quit, 2½ doz., 1s. 3d., ¾ doz., 3s.; what offers? Fisk, 16 Bridge Street, Southampton.

RHEI E.I. Pulv., good colour, 2 × 7 lb.; unopened tins; 70s. each, carriage paid; sample. Marshall, Chemist, Moseley, Birmingham.

OPTICAL AND PHOTOGRAPHIC.

WHAT Offers?—Student's Microscope; B.W.'s Urine Test Case (nickel-plated); Cachet Machine (12); 1 oz. original Chinosol. Jackson, Chemist, Ipswich.

WANTED.

BARREL-SHAPED Bottles, 4, 6, 8, and 10 oz. Stonelake, Smith Street, Guernsey.

WANTED, 50 gross 2-dram White Vials; burst off preferred. Reply 37/70T, Office of this Paper.

WANTED, set of three 8½ in. earthenware Kodak Developing Tanks. Mitchell, Chemist, Boscombe.

HOMŒOPATHIC Pocket Cases, second-hand or shop soiled; offers. Mortimore Howard, Pimlico, Ilkeston, Derbyshire.

WANTED, Steam-Jacketed Pan, in good condition; capacity 15 to 20 gallons. Apply 100/4, Office of this Paper.

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CAST-IRON CIRCULAR PANS, dimensions about 6′ diameter, 9′ deep; also 4′ 6″ diameter, 8′ deep; offers, with particulars, are invited of similar sizes. Poth, Hille & Co., Ltd., 6 Lloyd's Avenue, E.C. 3.

PHARMACEUTICAL Books wanted; cash offers on receipt. Gower, Bookseller, 41 Voltaire Road, Clapham.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

AS Manager; qualified; 40; where rooms over or house obtainable; best experience and references. W. R. Yates, 9 Surrey Street, Ryde, I.W.

ASSISTANT, 27, unqualified, high-class Dispensing and Counter, seeks post until October; Photography. Brown, 12 Beech Hill, St. Davids, Exeter.

ASSISTANT lady (Hall), desires temporary or permanent post; seven years experience Counter and Dispensing; knowledge of Photography and Optics; excellent references. "Dispeuser," 5 Brading Avenue, Southsea.

ASSISTANT; unqualified; disengaged; Dispensing, Agricultural; capable of taking charge; country preferred. Replies to "Tempus fugit" (99/24), Office of this Paper.

ASSISTANT or Dispenser (unqualified), 34, married, seeks post with Doctor, Chemist, or Institution; experienced; disengaged shortly; highest references. Particulars, etc., 99/28, Office of this Paper.

ASSISTANT; unqualified (27); married; 4 years' apprentice, 3½ years' high-class Retail experience; London, W. or S.W. district. Alford, 167 Nelson Road, Hornsey, N.

ASSISTANT; unqualified; age 25; 6 years' experience high-class Dispensing and Retail, with knowledge of Photography; disengaged. L. G. B., 5 Wellington Street, Redditch, Worcestershire.

BRIGHTON AND HOVE DISTRICT.—Chemist, experienced, is open for Locum work. Write "M.P.S.," c/o Messrs. Cripps & Son, Manufacturing Chemists, D'Avigdor Road, Hove.

CAPABLE, experienced lady Dispenser (Hall qualification) requires Locum work, in Sheffield or district, for July or August. Apply 98/33, Office of this Paper.

CLERICAL.—Evening work of any kind; posting up and accounts; terms moderate. "F. G." (118/31), Office of this Paper.

COMPETENT, unqualified, finest City and West-End experience; expert Window-display (big prizewinner); live Salesman; Photographics; age 33. Best offers to R. W. Jackson, 13 Beverstone Road, Brixton Hill, S.W. 2.

DISENGAGED; unqualified; Locum or permanency; age 47; married; reliable Dispenser; London preferred. Wood, 16 Valmar Road, Camberwell, S.E.

DISENGAGED; qualified; Manager; permanent or Locum; West End preferred; 25 years' London experience. "Chemist," 108b Elgin Avenue, W. 9.

DISPENSER Bookkeeper (lady), Hall, requires post, Doctor, Institution, or Chemist; competent and reliable; six years' experience. "W.," Brynheulog, Dowlais, Glam.

DISPENSER to Chemist or Doctor; unqualified; accurate and careful; good references; age 25. "Rhei," 344 Mare Street, Hackney.

DISPENSER, qualified, disengaged; Locum or permanency; Hospital, Private, and Dispensary experience; good Bookkeeper. "Locum," 49 Whitecross Street, Derby.

EXPERIENCED Assistant, middle-aged, unqualified, seeks Locum or permanency; good appearance and good references; town or country; disengaged. H. P., 3 Wyndham Street, Marylebone Road, W.

FORD Driver disengaged; town or country delivery work; experienced in the Chemist and Drug trade; 16 years' references. T. Fipkin, 40 Ledum Buildings, Bourne Estate, Holborn, E.C. 1.

JUNIOR; age 20; four years' experience; good-class Dispensing preferred. Apply 98/29, Office of this Paper.

JUNIOR (20) requires post, July to mid-September; excellent references; 4 years' experience; good appearance; South Country preferred. Apply 100/23, Office of this Paper.

LADY Dispenser (Hall), two years' experience, requires post with Doctor, Hospital, or Institution; would take Locum work. Allanson, 10 York Gardens, Clifton, Bristol.

LADY, unqualified, desires post with Doctor or Chemist; thoroughly competent and reliable; accustomed to high-class Dispensing and Retail; knowledge of Photography. Apply 98/30, Office of this Paper.

LADY (Hall qualification) requires situation as Dispenser; West-End experience. Apply "D. L. D." (99/30), Office of this Paper.

LADY Dispenser (Hall qualification), 3½ years' experience, desires post immediately with Doctor, Hospital, or Institution; London or near. Apply 101/12, Office of this Paper.

LOCUM; Major qualification; thoroughly experienced; abstainer; well recommended; disengaged August 3rd. Dear, c/o Weatherill, Pharmacist, Chesham, Bucks.

LOCUM; country; qualified; disengaged July 18th to August 1; 53; energetic; first-class references and experience; Photography, Optics. Dewey, Laidlaw's, Chemist, Church St, Basingstoke.

LOCUM; unqualified; first-class Dispensing experience; excellent references; age 27; Yorkshire preferred. Apply 98/4, Office of this Paper.

LOCUM; qualified; single; open until July 30th; Bradford or West Riding, Yorks. Apply 9 Derby Street, Chapman, Bradford.

LOCUM, unqualified, 10 years' experience, free till end of August. P.C.B. 78/31, Office of this Paper.

LOCUM (Hall), experienced; lady; from July onwards; Doctors, Institutions; would accept permanency. "Hall," 49 Langstall Road, Fulham, S.W. 6.

LOCUM or temporary for a few months; highly recommended; at present disengaged. Allan, 112 St. James Rd, Northampton.

LOCUM, experienced Pharmacist (34), can accept dates from July 12th; series of company shops, Lancs and/or Yorkshire, would suit; no objection to distance if suitable accommodation found. Parker, M.P.S., 25 Bolderstone Fold, Rochdale.

LOCUM.—Disengaged until July 26th; 25 years' experience in all branches. "Statim," "Abinger," Bournevale Rd, Streatham, S.W. 16.

LOCUM-DISPENSER (Hall), free middle July, two weeks; ten years' experience. Mrs. Westlake, 110 Lower Richmond Road, Putney.

M.P.S., D.B.O.A., desires post in London; compt. Refractionist (objective and subjective); married; good address. Apply 99/6, Office of this Paper.

MANAGER or Senior; Pharmacist; 38; 23 years' first-class experience as Assistant and Manager; no Stores. "Interim" (101/2), Office of this Paper.

MANAGER, qualified; permanent or Locum; disengaged end of June; good references; Midlands, S.E. Coast, and London; private and stores; practical experience in Photographics. Furnival, 28 Melrose Avenue, Cricklewood.

MANAGER or Locum; qualified; good all-round experience; references; town or country. Apply 99/36, Office of this Paper.

PART-TIME or Locum required by lady, qualified; any capacity; Wholesale or Retail, etc., in London; now at liberty; best experience; best references. Apply 99/15, Office of this Paper.

PART-TIME Minor man, certificate, at liberty if required. Pharmacist, 34 Kingsdown Avenue, Northfields, Ealing.

PHARMACIST, nine years last position, open for engagement as Manager; married; age 33; has had splendid experience in this country and in India. "Aspirin" (99/201), Office of this Paper.

PHARMACIST, married, with long and wide experience in town and country, requires permanent Managership; Home Counties or London suburbs preferred. "Fox" (100/13), Office of this Paper.

PHARMACIST, married; long and wide experience; knowledge of French; permanency, view to succession, or in Southern Counties preferred; disengaged end August. "Ala," 3 Woodville Avenue, St. Heliers, Jersey.

QUALIFIED; 35; Manager or Senior; London or suburbs preferred; good London experience; Locum (London) undertaken from June 26th. "Manager," 22 Roxburgh Place, Newcastle-on-Tyne.

RELIEF, qualified; not professional Locum; bookings to October 1st. P.C.B. 78/38, Office of this Paper.

TEMPORARY or permanent; exceptional experience high-class Dispensing business. B., 9 Hill Park Villas, Sherburn Road, Torquay.

YOUNG lady, four years' experience seaside town, Counter, Photographics, Dispensing, requires post as Assistant. F., 24 Fleet Street, Torquay.

YOUNG lady, 6 years' experience, requires situation in London; experienced Stockkeeper; smart appearance; excellent references. G. H., 50 Fruen Road, Feltham, Middx.

YOUNG lady, Hall qualification, seeks post during August; month. Apply 101/10, Office of this Paper.

80S. WEEKLY.—Unqualified Manager; 4 years present position; increased business 3 times; Prescribing, Photographic, some Optical; aged 50; married; abstainer. C., 58 Yews Hill Road, Lookwood, Huddersfield.

WHOLESALE.

REPRESENTATIVE would like to hear of good house requiring services of young, energetio man; London districts. y 100/6, Office of this Paper.

VERTISER would be pleased to represent a good Drug house in India; nine years' experience in the East; acquainted native bazaars and language. Apply 99/202, Office of this er.

VERTISER desires represent Wholesale firm with established connection Liverpool and district; part expenses and comon. Apply 100/18, Office of this Paper.

Representative.—Gentleman, qualified Chemist and M.P.S., many years' experience of road and excellent record, conent with routes and customers in West of England and Midwishes to represent good Drug or other house, there or here: reliable and steady worker, with undeniable references. sol" (99/38), Office of this Paper.

EMIST desires position as Laboratory Manager; manufacture standardised Pharmaceuticals, Tablets, Extracts, ces, Bacteriology; excellent references; London or Colonies. 98/9, Office of this Paper.

N.C.O. and M.S.M. preferring outdoor life desires post as Traveller; any line in the trade; salary or commission; ern Counties; 12 years' Retail and five years' Army experiabstainer. Apply "Tynesider" (99/4), Office of this .

PERIENCED Representative, first-class references and records, seeks position with high-class house having conn sufficient to guarantee a moderate living and which can creased by work; well-up in Toilet Specialities and Soaps, mes, Surgical Dressings, and Chemists' Sundries; ground red, Southern, Eastern, Home, or Midland Counties. Apply 6, Office of this Paper.

EMAN, 31 years experience, used to control staff of youths and boys in putting up Proprietary Articles, requires on. "W. W." 121 Asylum Road, Peckham, S.E.

EMAN.—Capable Working Foreman requires situation; 30 ears' experience; knowledge of medical language and signs, s, Photographic Goods, Bottles, Surgical Appliances; could stock or act as Salesman. Watford, 59 Downham Road, ey, London.

PRESENTATIVE, with personal connection amongst Chemists and Stores in South London, Kent, Sussex, and hire, desires to represent reputable house. Apply 100/17 of this Paper.

ES Manager or Representative.—Advertiser, 31, ex-officer, ecks position in either capacity with Wholesale house; for Minor in July. P.C.B. 78/39, Office of this Paper.

TO-DATE Pharmacy Proprietors, who are in need of a tive" Salesman (not an automatic machine), who can ice and sell the "right" goods should communicate at ith the one who also specialises in "window" and "case" g; Locum or permanency. "Commercial Pharmacist," 14 re Terrace, Paddington, London, W.

NG Widow, experienced, requires situation in Perfumery r Chemists and Druggists as Forewoman or any similar n; offer good references. M. Busch, 24 Sisters Avenue, er Hill, Clapham Junction, S.W. 11.

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4 CWT. Senna Pods for Sale in 2 cwt. lots, 5½d. lb.; 12 tons Molasses (duty paid), 21s. cwt., casks free, net ex works London. Apply George Clarke, 230 Turney Road, Dulwich, S.E.

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Twopence per word: Minimum 2s.

FOR DISPOSAL.

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LAWSON'S Rat Quit, 2½ doz., 1s. 3d., ¾ doz., 3s.; what offers? Fisk, 16 Bridge Street, Southampton.

RHEI E.I. Pulv., good colour, 2 × 7 lb.; unopened tins; 70s. each, carriage paid; sample. Marshall, Chemist, Moseley, Birmingham.

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THE

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Pharmacists, rally round Ucal, the All-British Organisation!

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Speculation is rife as to the effect of this upon the retail drug trade.

Ucal earnestly deprecates "panic" talk (especially to press representatives) for which there is no real ground, and which can only tend to lower the prestige of the retail pharmacist in the eyes of the public.

At the same time, it is reasonable to suppose that under aggressive American management the competition of the Stores will become more serious, rather than less so.

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The Ucal experience is placed unreservedly at the disposal of the trade. Ucal is open to receive applications for immediate admission to membership, and inquiries are invited NOW.

The Directors of Ucal trust that pharmacists will avail themselves of this opportunity to get together for concerted action, the importance of which has been emphasised by recent events.

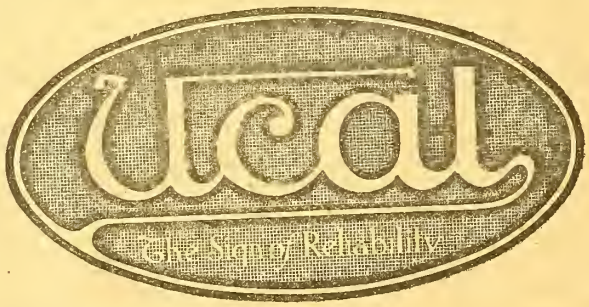
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PHARMACY FOR THE PHARMACIST.

Write now: Managing Director, UCAL, CHELTENHAM.



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WATERGLASS

in lever-lid TINS.



FOR the 1920 season we are again packing an excellent quality of Waterglass—one with which your customers may be *sure* of success—at a price which allows you a generous profit.

More and more people are learning the use of waterglass every year—each season multiplies the sales of the one before. You can get a good share of this business by making a display of the tins (ours is quite the finest label in this line on the market) and a few of the descriptive showcards which we send with every order.

The season will soon be here, so to make sure of adequate stocks we suggest you order NOW.

NEW SEASON'S PRICES :

1 lb.	2 lb.	4 lb.	7 lb.
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Less 2½% Cash, F.O.R. Leeds, or Carriage Paid 2 cwt. lots.

GOODALL, BACKHOUSE & CO.
LEEDS.

Telephone - - 20435-8 (4 lines.)

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